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Study of Exhaust Emissions from 1965 Through 1975 Model Year Light-Duty Vehicles in St. Louis, Missouri and Los Angeles, California

Olson Labs., Inc., Anaheim, California

Prepared for

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STUDY OF EXHAUST EMISSIONS FROM 1965 THRU 1975 MODEL YEAR LIGHT-DUTY VEHICLES IN ST. LOUIS, MISSOURI AND LOS ANGELES, CALIFORNIA

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Mobile Source Air Pollution Control
Emission Control Technology Division
Ann Arbor, Michigan 48105

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by

Ollin Van Natta and Richard D. McMillen

Olson Laboratories, Inc.
421 East Cerritos Avenue
Anaheim, California 92805

Contract No. 68-03-2184

EPA Project Officer: Matthew M. Macocha

Prepared for

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Office of Mobile Source Air Pollution Control
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Section 1

INTRODUCTION

One of the provisions of the Clean Air Act passed by Congress in 1963 and Clean Air Act Amendments of 1970, was the control of exhaust emissions from new motor vehicles. Administrative responsibility resides in the Environmental Protection Agency (EPA). Other provisions of the Clean Air Act require states and municipalities to implement air quality programs.

In order to provide states, municipalities and other agencies with data relative to the contribution of automobiles to air quality assessment, the EPA initiated work to characterize the emissions of in-use light duty vehicles in selected regions throughout the country.

The Environmental Protection Agency's Emission Control Technology Division has the responsibility to gather emission information on in-use motor vehicles. These data are forwarded to the Emission Factor Unit of the National Air Data Branch (NADB) and the Transportation Land Use Planning Branch (TLUPB) for their use in calculating and projecting nationwide and metropolitan area motor-vehicle emission factors for light duty vehicles. These average emission factors are also used in developing transportation control procedures and emergency episode considerations.

The FY71 Program, EPA's first major surveillance program using the present CVS technique, measured exhaust emissions from 1957 to 1971 light duty vehicles. Similar work on 1966 to 1972 model-year vehicles was recently completed in the

FY72 version. The FY73 program was initiated to study emissions from 1966 to 1974 light duty vehicles. The FY74 program was initiated to update the emission factors data on light duty vehicles from 1965 to 1975. This program investigates a large sample of catalyst-equipped vehicles and light duty trucks for the first time.

This report describes the program conducted by Olson Laboratories, Inc., in two cities; the Los Angeles and St. Louis metropolitan areas.

In order to support the states in their efforts to implement their air quality programs, the Emission Control Technology Division will use the data generated to assess the effectiveness of inspection/maintenance programs in reducing emission factors.

Section 2

TECHNICAL DISCUSSION

2.1 PROGRAM OBJECTIVES

The primary objectives of the total program are to provide updated light duty vehicle emission data for use in analyzing various mobile source control strategies, to assess the impact on mobile source contributions to air quality with advanced emission control devices, and to provide data to assess the effectiveness of inspection/maintenance programs in reducing mobile source contributions to air quality.

The objective of the Olson contracts in two metropolitan areas is to develop exhaust emission data, including light hydrocarbon and aldehyde emission data (in Los Angeles only) for the national mobile source data bank.

2.2 PROGRAM DESIGN

The program was designed to obtain basic exhaust emission data using the 1975 Federal Test Procedure (FTP) for all vehicles. The program was also designed to obtain certain other data in each test location.

Five hundred and ten vehicles were tested in St. Louis. Of these vehicles, thirty-five 1975 light duty vehicles were also subjected to Highway Fuel Economy Tests, modal tests, keymode tests and special tests, driven over modified driving cycles. Ten light duty trucks received the

same series of tests except for the modified driving cycles. Twenty-five of the fifty 1972 vehicles received the special driving cycles as well as the 1975 FTP.

A total of 127 vehicles were tested in the Los Angeles area. Of those vehicles, thirty-five 1975 light duty vehicles and ten light duty trucks received the same tests described for those vehicles in St. Louis. However, the forty-five 1975 Los Angeles area vehicles were also tested for light hydrocarbon and aldehyde emissions. Twenty-five 1972 vehicles received the special driving cycle tests as well as the 1975 FTP.

All other vehicles in both locations received only the 1975 FTP.

Other elements in the design of the program were structured to obtain specific data concerning each individual vehicle's configuration and condition, quality control of test procedures, data reduction and vehicle procurement. These elements are described in detail in following sections of this report.

2.3 TEST VEHICLE PROCUREMENT

The EPA provided a test vehicle listing for each test site which included model-year, make, displacement, vehicle size, transmission type and number of carburetor venturii. The listing defined by vehicle number all of the above descriptors, precisely defining which vehicles should be tested. Vehicles were selected by the EPA on a vehicle miles traveled basis between model-years and sales weighted within each model-year. The list also identified which vehicles should be tested with an additional 10 percent road-load horsepower to simulate air conditioning.

The contract also required that test vehicles be obtained from certain boundary limits in each metropolitan area. For St. Louis, the metropolitan area was defined as being not more than 10 miles outside the City limits. For Los Angeles, the metropolitan area was defined as being not more than 15 miles outside the City limits. Other requirements applicable to test vehicle procurement were as follows:

- o 100 percent of sample to be the listed make and model-year.
- o 90 percent of sample to be the listed make, model-year and engine displacement.
- o 70 percent of sample to be an exact match to the EPA-supplied vehicle list.

In addition, for any one model-year, the use of rental or leased vehicles was limited to 10 percent of the vehicles to be tested at each location. For any one model-year, the number of vehicles procured from members of civic, fraternal or religious organizations was limited to 50 percent of those vehicles to be tested in each test location. Groups of test vehicles were not obtained from organizations which are automotively-oriented; e.g., sports-car clubs.

2.3.1 Test Vehicle Selection

The fleet of test vehicles was mostly procured by obtaining registration lists and making direct mailings to prospective test vehicle owners. The letters included a description of the program, program incentives and a postage-paid return card for those owners who desired to participate. The cards were designed so that vehicle identification

information, such as engine size, transmission type, etc., could be filled in by the vehicle owner. Upon receipt of returned cards, this information was used in the selection of test vehicles in accordance with the match requirements. Owners of suitable vehicles were then contacted by telephone and scheduled for test.

In St. Louis, because of State law, no 1975 vehicle registration lists were available. The methods for obtaining 1975 vehicles in St. Louis were the use of television, radio, newspaper ads, write-ups in local company papers and posters placed in cooperative business establishments. Thus, the majority of 1975 vehicles were obtained from volunteers who called the facility. Some of the same techniques were used in obtaining 1975 vehicles in the Los Angeles area.

2.3.2 Incentives

The incentives permitted by the contract were a $50.00 savings bond, a full tank of fuel when returned to the owner and the use of a late-model fully-insured loan vehicle during the time the test vehicle was in the possession of the laboratory. These incentives were used for all privately-owned vehicles. In the case of the few rental vehicles allowed by the contract, no incentives other than normal rental costs were given.

2.3.3 Test Vehicle Handling

A file containing the owner and vehicle information was established and utilized to schedule vehicles for testing. Owners were contacted by telephone. At this time, information submitted on the data card was confirmed and incomplete information was obtained. Vehicles which met with sample requirements, or approved substitute vehicles, were then scheduled for testing.

Upon delivery at the test site, each vehicle was initially inspected to confirm compliance with sample requirements. In a few cases, vehicles were rejected at this point because of improper engine or carburetor identification by the owners. In other situations, vehicles were rejected for exhaust system leakage or safety reasons. After preliminary inspections indicated a vehicle to be acceptable, loan vehicle agreement forms were completed, an EPA-designed questionnaire on vehicle use and maintenance was filled out by the owner and checked for completeness. The vehicle was then placed on the test schedule board, which established the pre-test operations to be performed and the vehicle test time slot.

2.4 FACILITIES AND EQUIPMENT

2.4.1 Test Locations

Olson Laboratories, Inc., operates a permanent facility in the Los Angeles metropolitan area. Testing for this contract was performed in this facility. A semi-permanent facility was established in the St. Louis area. The location of the two facilities are listed below:

Los Angeles Area

421 East Cerritos Avenue
Anaheim, California 92805

St. Louis Area

5511 Phantom Drive
Hazelwood, Missouri 63042

The Los Angeles facility contains approximately 26,000 square feet of laboratory/office space. The St.

Louis facility contains approximately 11,000 square feet of laboratory/office space.

2.4.2 Constant Volume Samplers

Two Olson gas-to-water heat exchangers were modified to a six-bag system with sample and background bag selection automatically controlled by computer to select the proper bag set for each phase of the 1975 FTP, high-speed and low-speed driving cycles. The computer also selected the bag set for the surveillance driving cycle and highway economy cycle.

2.4.3 Emission Analysis Consoles

Two complete emission analysis consoles were designed and built by Olson. Each console has pushbutton selection of zero, span and sample for each range of each instrument. The consoles have built-in CL converter efficiency test units and automatic sample line purge as required by the contract. The consoles are essentially identical, in that each console contains the same instrument types and models. The ranges differ as shown below:

Analyzer	California Ranges	St. Louis Ranges
Bendix Model 8501-5C (CO)	0-100, 0-500ppm	0-100, 0-500ppm
Beckman 315B NDIR (CO)	0-.3%, 0-3%	0-.3%, 0-3%, 0-5%
Beckman 315B NDIR (CO_2)	0-4%, 0-8%	0-4%, 0-8%
Teco 10A Chemiluminescent (NO_x)	0-100, 0-250, 0-1,000, 0-2,000ppm	0-100, 0-250, 0-1,000, 0-2,000ppm

Analyzer	California Ranges	St. Louis Ranges
Two Beckman 400 FID (HC)	0-50, 0-100, 0-300, 0-1,000 0-3,000ppm	0-50, 0-100, 0-300, 0-1,000 0-3,000, 0-10,00ppm

The California console has the additional capability to provide an outlet to collect a small sample bag for the light hydrocarbon analysis performed in the chemical laboratory.

2.4.4 Laboratory Standard Calibration Gases

Two sets of laboratory standard calibration gases were provided to the EPA for analysis. The contents of each cylinder were analyzed and concentrations were assigned by the EPA in Ann Arbor. Each laboratory used the standard set of gases for defining instrument calibration curves and assigning concentration values for the day-to-day "working" gases. Each cylinder of standard gas and each working gas was equipped with a pressure regulator as specified by the contract. All gases were permanently plumbed to a quick-disconnect panel for ease in selection of the gas desired during calibrations and test operations.

2.4.5 Chassis Dynamometer

Each facility had a Clayton CE-50 direct-drive variable inertia dynamometer permanently mounted in the floor. Each dynamometer met the requirements of the contract to have 250-pound increments and 500-pound increments in the required inertia ranges. In addition, the roll spacing of the CE-50 was modified to 17½-inch spacing in compliance with the contract.

2.4.6 Equipment For Aldehyde and Light Hydrocarbon Measurements

2.4.6.1 Aldehyde Measurement Equipment

A. Bausch & Lomb Spectronic 20 Spectrophotometer.

B. Wheaton 100 ml Impinger Bubblers, inner member is modified with an impinger tip.

C. Dry gas test meter

D. Rotometer - Brooks-Sho-Rate #150.

E. Sample Line: Type 316 stainless steel 1/4-inch O.D.

F. Vacuum pump, metal bellows or diaphragm type with needle-valve regulator.

G. Oval shape rubber bulbs for pipetting and one fitted with a male fitting joining for flushing the inlet stem of the impinger.

H. Glass bottles with stoppers: 100 ml capacity for holding samples.

I. 100 ml volumetric flasks and stoppers.

J. 25 ml volumetric pipette.

K. Mohr measuring pipettes.

L. Drying tubes.

M. Interval timer.

N. 100 ml, 25 ml graduated cylinders.

O. Ring stand, holders, clamps, tubing, fittings, rubber bands, and medicine dropper needed for equipment manipulation.

P. Constant temperature ice bath.

Q. Male and female glass fitting joints

2.4.6.2 Light Hydrocarbon Analysis Equipment

A Beckman Model GC-5 gas chromatograph was modified to measure the methane, ethane, propane, benzene and acetylene emissions for each segment of the 1975 FTP. The modifications included the addition of a flame ionization detector and necessary columns and valving. The sample from each segment of the test was collected in a small 1½ cubic foot tedlar bag which was filled from a sample of the main CVS bag so that the sample was the same as that analyzed for normal emissions.

The results were recorded on a linear instrument strip chart recorder.

2.4.7 Miscellaneous Equipment

Miscellaneous equipment used in conjunction with the major item of equipment is as follows:

Recorders:

- Two Texas Instrument Servowriter II Recorders were used with each analytical console at each location.

- One Hewlett Packard 2114A Mini Computer was used to generate all driver traces at each location.

- One Hewlett Packard Model 7128-A-02-04-08-24-105-141-444 Driver's Aid at each location.

- One Teco Model 100 NO_x Generator at each location.

- One Sargeant Welch Continuous Flow Psychrometer, Model No. 542610 with continuous record of wet/dry bulb temperatures by a dual-channel Rustrac Recorder Model No. 2163E at each location.

- Hartzell Model No. N-24-DUW cooling fan placed in front of the vehicle for cooling during test at each location.

- One Taylor Instrument Company Model No. 2314, 7-day continuous recording barometer at each location.

- One Autoscan Model No. 4000 Engine Analyzer at each location.

- One Rustrac Model No. 2163B continuous recording temperature recorder for soak area temperature at each location.

- One Nova Mercurial Barometer (California location).

- One Meriam 50 MC2-4(F) Laminar Flow Element for CVS calibration (California location).

- One Meriam 50 MC-2-65F Laminar Flow Element at St. Louis.

- One Horiba GSM 300 Undiluted Exhaust Gas Analyzer at each location.

- One Mettler Model 1200 Balance used for weighing the propane cylinders for propane recovery tests at each location.

- One Strobotach for dynamometer coast-down calibrations at each location.

- Additional fans for catalyst and rear wheel cooling were Hartzell Model No. N-24-DUW, Dayton Models 2C-631 and 6K-230.

- One Hewlett Packard Model 9821A Programmable Calculator with a Model 9864A Digitizer. This system was used to calculate the integrated concentrations of each mode of the surveillance driving cycle from continuous strip chart recorders of the analyzer output during the test cycle.

- Wet/dry Bulb Recording Systems - Periodic checks using a sling psychrometer as a reference were made to verify calibration and accuracy.

- Miscellaneous Recorders - Other recorders were periodically checked for mechanical zero, Rustrac Recorders were checked against precision thermometers.

- Other auxiliary equipment was calibrated in accordance with manufacturer's procedures.

2.5 EQUIPMENT QUALIFICATION, CALIBRATION, AND CROSS-CHECK

This section describes the qualification, calibration, and cross-check procedures utilized by Olson and verified by the EPA technical personnel to provide continuous verification that valid test data was generated throughout the time frame of the test program. Initial qualification included complete demonstration of individual instrument calibration, stability, response time, modal transport time, zero air and nitrogen purity, CVS calibration, dynamometer calibration, and all daily, weekly and monthly log records inspection.

Prior to the initial EPA inspection, Olson performed a qualification checkout which was defined in an eight-page Emission Laboratory Evaluation Criteria Document. The completed document and all related data was submitted to the EPA project officer. After review of the Olson qualification documentation, the project officer witnessed a verification of the qualification procedures prior to initiation of testing.

2.5.1 Constant Volume Sampler (CVS)

Both Olson CVSs were calibrated with the laminar flow elements (see Section 2.4.7) by the basic procedures specified in the Federal Register. A copy of the calibration data was provided to the project officer as a part of the qualification data package. Propane recovery tests were made after the calibration to confirm proper calibration. Propane recovery tests were also made each day of testing to confirm continued calibration of the CVS system.

2.5.2 Emission - Analysis Console

Calibration and qualification of the emission analysis console was performed as stipulated in the Federal

Register and the Emission Laboratory Evaluation Criteria. A summary of the qualification and daily checks made is as follows:

- Leak check of each instrument and the system.
- Zero, gain, tune as applicable to each instrument.
- Hang-up and leak checks for background and sample bags and sample line.
- Dilution air HC/CO concentration.
- Chemiluminescence vacuum, bag concentration with known concentration input, converter efficiency.
- FID fuel, air, sample pressures.
- Propane test results.
- Working gas log, cylinder number, concentration, deflections, cylinder pressure.

In addition to the above daily checks, weekly checks were:

- Calibration check of each range of each instrument.
- CO repsonse to wet CO_2.

Appropriate calibrations, leak checks, etc., were also made on a nonperiodic basis when maintenance was performed which could change instrument or system operation.

2.5.3 Chassis Dynamometer

The Clayton CE-50 dynamometers were initially calibrated by the Clayton representative using manufacturer's equipment and procedures to calibrate the speed and horsepower meters. Coast-down techniques specified in the Federal Register were used to develop actual versus indicated horsepower curves for each inertial weight setting (1750 through 5500). The calibration curves of the dynamometer were confirmed monthly or after any maintenance which might affect the curves. The speed meter was also checked using a strobotach on the dynamometer rolls during the monthly coast-down checks. A log of all maintenance and calibration was maintained throughout the program.

2.5.4 Miscellaneous Equipment

Driver's Aid - The driver's aid zero and 50 mph calibrations for both the computer-generated trace and the driver trace were checked for calibration before and after each test. This was accomplished by driving a vehicle to 50 mph on the dynamometer and setting both the computer-generated trace and the Dynamometer Tach Generator Driver's Trace to the Speed Meter value of 50 mph.

In the case of a cold start vehicle test, a nontest vehicle was used to set horsepower and calibrate the driver's aid.

2.6 TEST PROCEDURES

2.6.1 Vehicle Preparation

All vehicles tested in this program were inspected upon receipt from the owner. There were three types of inspection data.

- Those items required to determine the match requirements such as make, model-year, transmission type, engine size, number of carburetor, air conditioning and certain emission controls.

- A physical inspection of the vehicle's interior and exterior for damage when received.

- An inspection to verify the vehicle was safe for operation and the exhaust system was not leaking or could be readily repaired.

Following the vehicle inspection, the owner completed the questionnaire specified by the EPA and other documentation and agreement for loan vehicle usage, bond application, etc.

Upon acceptance of the vehicle for testing, the fuel was drained and the tank was filled to 40 percent volume with test fuel. Indolene 30 was used for all noncatalyst vehicles and Indolene clear was used for all 1975 catalyst-equipped vehicles. After the vehicle was filled with test fuel it was scheduled for a 10-minute preconditioning drive over a street route prior to being placed into pretest soak. The soak period was a minimum of 12 hours and a maximum of 20 hours from key-off to key-on. The first hour of soak after the 10-minute preconditioning run was in an area maintained between 68°F and 86°F. The last hour of soak was also in an area maintained between 68°F and 86°. In practice, at both facilities, the goal was to maintain the temperature of the soak area between 68°F and 86°F at all times. A continuous record of the soak area temperature was maintained 24 hours per day to verify that the soak temperature limits applicable to each vehicle were met.

2.6.2 Equipment Preparation

Emission test equipment was checked daily prior to the performance of emission tests. The analysis system was checked for leaks, zero and gain settings when appropriate for each instrument, CVS inlet and outlet pressures as well as Delta P. Additional checks included background and sample bags leak checks and hydrocarbon hang-up, converter efficiency and CVS calibration by propane recovery tests. In addition, the driver's aid and computer-generated driving trace was calibrated prior to and after each test. The dynamometer was warmed up using a nontest vehicle if the dynamometer had not been used in the previous 2-hour period. During this warm-up period the dynamometer speed indicator was checked against the driver's trace to ensure that both speed indications were indentical.

The continuous wet/dry bulb system was checked on a periodic basis against a sling psychrometer to verify proper calibration.

The emission analysis console was normally left in the operating mode at all times. All instruments were placed in the sample mode position with continuous purge of filtered background air. Thus, the instrument console was at all times warmed up ready for calibration and test. In the event that instrument maintenance required instrument shut off, a warm-up time of a minimum of 1 hour was used. In practice, the warm-up time was in excess of 1 hour when calibration checks were performed after maintenance.

The CVS was normally not turned off during nontest hours. The blower was left in speed #1 and the water heater was normally left on. Prior to the propane recovery test, the CVS was used to exhaust the nontest vehicle used for dynamometer warm-up, and was thus at operative temperature for the propane recovery test and subsequent emission tests.

2.6.3 Federal Exhaust Emission Test Procedure

All vehicles received one 1975 FTP. All cold start tests were performed in accordance with the requirements and procedures of 85.076-14 through 85.075-24 of Federal Register Vol. 37, No. 221, November 15, 1972, 38 Federal Register 124, 38 Federal Register 209, 39 Federal Register 101 and EPA Guidelines defined by contract. The sample collection for each set of bags was controlled by the computer. At the completion of the test, the computer printed out crank time, total test time for the cold start and hot start portion of the test.

2.6.4 Highway Fuel Economy Test Procedure

The EPA highway fuel economy test was performed on ten light duty trucks and thirty-five passenger vehicles in each city. The tests were run in accordance with the contract requirements below.

Starting with each vehicle in a warmed-up condition (at least 7.5 miles of cyclic operation having occurred within the last 35 minutes) each vehicle was operated on the dynamometer at 50 miles per hour for a period of 3 minutes. Within 1 minute of the end of the 50 mph cruise period the vehicle commenced operation over the 10.2 miles, 765 second driving schedule. A CVS bag sample was used to gather the dilute exhaust for the purpose of emission and fuel economy calculations. The engine was already running at the beginning of the sampling period. The tolerances for this driving schedule were identical to those used for the FTP.

2.6.5 Modal Exhaust Emission Test Procedure

The modal exhaust emission tests were conducted on the same ten 1975 light duty trucks and thirty-five light

duty vehicles. Measurement of the modal exhaust emissions followed the highway fuel economy tests. Modal tests consisted of two separate tests; steady-state modes and the Surveillance Driving Sequence.

Each test was preceded by a soak period no longer than 20 minutes from the last sustained vehicle operation. At the end of the soak period, the vehicle was operated on a chassis dynamometer at 50 mph for a period of 3 minutes. During this time, the dynamometer speed and horsepower settings were checked and adjusted if necessary. Within 1 minute after the end of the 50 mph cruise period, the vehicle was returned to idle and the test begun.

Steady-state exhaust emissions were measured using the CVS dilute bag collection technique in the same manner as in the FTP. Measurements were taken at each speed successively from idle (0 mph) through 5, 10, 15, 30, 45 and 60 mph. The exhaust emissions were continuously monitored and recorded on a strip chart recorder. For continuous sampling, the analytical system was equipped with sample bypass to decrease delay time. Delay time from engine to all analyzer outputs did not exceed 10 seconds. Chart speed was 3 inches per minute. At each speed, equilibrium of speed and all analyzer traces was maintained for at least 30 seconds before sampling was started. A minimum sample volume of 2 cubic feet and a minimum sample time of 3 minutes were required.

The Surveillance Driving Sequence portion of the modal test was started within 20 minutes after the end of the steady-state tests.

After the soak and 50 mph 3-minute preconditioning sequence, the vehicle was operated at idle for 1 minute before the surveillance driving sequence began. No sampling was done during the first 30 seconds. For the remainder of the minute, dilute exhaust was directed through the sampling and analytical system. This dilute sample from the CVS was

continuously recorded on strip chart recorders while the vehicle was driven through the driving sequence on the chassis dynamometer. At the start of the surveillance driving sequence, CVS dilute bag sampling was begun. The sequence is made up of 32 acceleration and deceleration modes and 35 constant speed modes. These modes are combined into a 1,054-second driving sequence. Vehicle operation and CVS bag and continuous sampling continued to the end of the schedule, at which point bag sampling was terminated. Continuous sampling was maintained with the engine at idle for an additional 10 seconds. Immediately upon completion of the test, with the sample pumps and recorders running, the sample line from the probe was purged with air to establish the hydrocarbon "hang-up" levels. The allowable hang-up level for a valid test was 5 percent of full scale maximum within 10 seconds and 3 percent of full scale within 3 minutes after completion of sampling. An additional requirement for a valid test was that the span and zero points on all emission analyzers be within ±2 percent of full scale from test precalibration to test post-calibration.

2.6.6 Clayton Key Mode Emission Test Procedure

This short test consists of three steady-state operating conditions during which undiluted exhaust samples were taken using a Horiba GSM 300 exhaust analyzer.

Clayton key mode tests were preceeded by a soak period no longer than 20 minutes from the last sustained period off vehicle operation. At the end of the soak period, the vehicle was operated for a maximum of 3 minutes at the Clayton key mode specified speed with the hood open and the cooling fan on. The inertia weight was the same as for the Federal tests. During this stabilization period, the specified dynamometer load horsepower was set. The test was performed in the order of high cruise, low cruise and idle.

At each speed, equilibrium of vehicle speed and the CO and HC analyzer meters was maintained for 30 seconds before the readings were recorded in percent CO and ppm/Hexane respectively.

Replication of the Clayton key mode test immediately followed the first test following the same test procedures.

Class of Vehicle by Weight (NADA)	Transmission Range/ Gear	Meter Dyno.Load hp @ mph	High Speed Cruise (mph)	Low Speed Cruise (mph)	Idle
2000 to 2774 lb	Drive or Third Gear	15 @ 38	36 to 38	22 to 25	Manual Transmission in neutral
2775 to 3774 lb	Drive or High Gear	24 @ 46	44 to 46	29 to 32	
3775 lb and up	Drive or High Gear	30 @ 50	48 to 50	32 to 35	Automatic Transmission in Drive

2.6.7 Low Speed Cycle Emission Test Procedure

This cycle is similar to the 1975 FTP, in that it consists of cold transient, cold stabilized and hot transient phases. Sampling and analysis techniques are also similar to those of the 1975 FTP.

Vehicle preparation, soak and cold start was also identical to that used for the 1975 FTP.

2.6.8 High Speed Cycle Emission Test Procedures

This cycle is also similar to the 1975 FTP. As with the low speed cycle, vehicle preparation, soak and cold start procedures were identical to those used for the 1975 FTP.

2.6.9 Aldehyde and Light Hydrocarbon Measurements

Aliphatic aldehyde emissions from 1975 vehicles were determined utilizing the 3-Methyl 2-Benzothiazolinone Hydrozone Hydrochloride (3-MBTH) colorimetric method. The accuracy of this method is affected by the presence of sulfur dioxide (SO_2) and oxides of nitrogen (NO_x). In order to minimize the SO_2 interference, test fuel containing low sulfur content less than 100 ppm (Indolene clear) was utilized.

- The vehicular exhaust was first diluted in a CVS system. A portion of the diluted exhaust was drawn through a 100°C heated manifold sampling system and through chilled impinger-bubblers. A set of bubblers which contained 25 ml of water each as the absorbing solution was used to collect a sample from each phase of the 1975 Federal Test Procedure (FTP). The flow rate through the bubblers was continuously metered by a rotometer, calibrated against a dry gas test meter.

- Chemicals, Analytical Reagent Grade

  A. 3-Methyl 2-Benzothiazolinone Hydrozone Hydrochloride

  B. Ferric Chloride, $FeCl_3 \cdot 6H_2O$

  C. Acetone

  D. Formalydehyde (Formaline solution)

  E. Vacuum grease

F. Desiccant, indicating silica gel

o Flow Metering Calibration

Prior to testing, a calibrated rotometer equipped with a needle valve was placed downstream of the bubblers. A drying tube containing silica gel was placed between the rotometer and vacuum pump. The pump was started and the flow rate was adjusted until the desired flow rate was acquired.

o Sampling Procedure

Each exhaust analysis required two bubblers, which were prepared prior to the test. Twenty-five ml of distilled water as the absorbing solution was added to all the bubblers. The bubblers were then positioned for placement in the sampling train and placed in a constant temperature ice bath 15 minutes before sampling. The series of bubblers were connected to the sample line seconds before sampling. The sample pump was also started a few seconds before the test run. After the test was started, the flow meter was set.

The heated sample line was joined to the first set of bubblers and the flow into the bubblers was started simultaneously with the flow in the first bag. At the conclusion of the cold transient phase, the sample line was switched to the second set of bubblers to collect the sample during the cold stabilized

portion of the FTP. A sample was collected in a similar manner for the aldehyde emissions occuring during the hot transient portion of the FTP.

- Sample Analysis

  A. After removing the bubblers from the sample manifold, the collecting solution was washed up into the inner fitted member and forced back into the bubbler several times with the aid of a rubber bulb fitted with a male glass ball.

  B. The solution from each bubbler was combined by pouring into a graduated cylinder, measured and recorded for total volumes as one sample.

  C. The sample was then transferred to a glass bottle, stoppered, shaken, and brought to a room temperature for analysis.

  D. Duplicate analyses were made by pipetting 10 ml aliquots from the glass bottle into a 100 ml volumetric flask which contained 0.02g 3-MBTH. The samples were stoppered, swirled, and allowed to stand for a 2-hour reaction time. Duplicate reagent blanks were analyzed in the same manner using the collecting solution (distilled water).

  E. After 2 hours, the samples were oxidized by adding 25 ml, measured with a graduate

cylinder, of a freshly prepared 0.2 percent ferric chloride solution to each sample and blanks. After each addition, the sample was shaken and allowed to stand for exactly 5 minutes.

F. Samples and blanks were then diluted with acetone, mixed and allowed to cool and then diluted to final volume with acetone and mixed again.

G. The absorbance of the samples and blanks were read against water at 635 millimicrons with the use of a Bausch and Lomb Spectrophotometer.

o Standard Calibration

A standard calibration curve was made for total aldehydes using various concentrations of formaldehyde (formaline solution) diluted with distilled water. Standard dilutions ranged from 0.025 leg/ml.

A. 10 ml of various standard dilutions were pipetted into 100 ml volumetric flasks, each containing 0.02g of 3-MTBH. The standards were allowed to stand for 2 hours. Reagent blanks were made in the same manner using 10 ml of water in place of the standards.

B. After standing 2 hours, 25 ml of 0.2 percent ferric chloride solution was added to the standards and after 5 minutes

they were diluted to final volume with acetone.

C. The absorbance was read at a wavelength of 635 millimicrons on a Bausch and Lomb Spectronic 20 Spectrophotometer.

D. A curve was plotted - absorbance vs. conc. (leg/ml). This curve is shown in Figure 2-1.

o Calculations

Emissions rates for each phase of the FTP were reported in terms of grams/mile for total aldehyde.

$$\mu g\ RCHO/Test\ segment = \text{conc. } \mu g/ml \times \text{Final Sample Vol ml} \times \frac{\text{Total Spl collected ml}}{\text{aliquot ml}}$$

$$= (\mu g/ml)\ (\text{Sample Vol ml})\ (\text{alig. Factor})$$

2.6.10 Daily Test Schedule

The daily test schedule in the St. Louis and California laboratories were similar, in that multiple shifts were employed at both locations. In general, the night shift performed weekly and monthly calibrations on Sunday nights, and also performed the daily start-up checks including propane recovery tests on a daily basis. Vehicle preparation and preparation for return to the owner was performed on both shifts. Again, in general, the fuel draining and addition of test fuel was done on the day shift, but preconditioning was accomplished by both shifts in order to meet the 12- to 20-hour soak limit requirements.

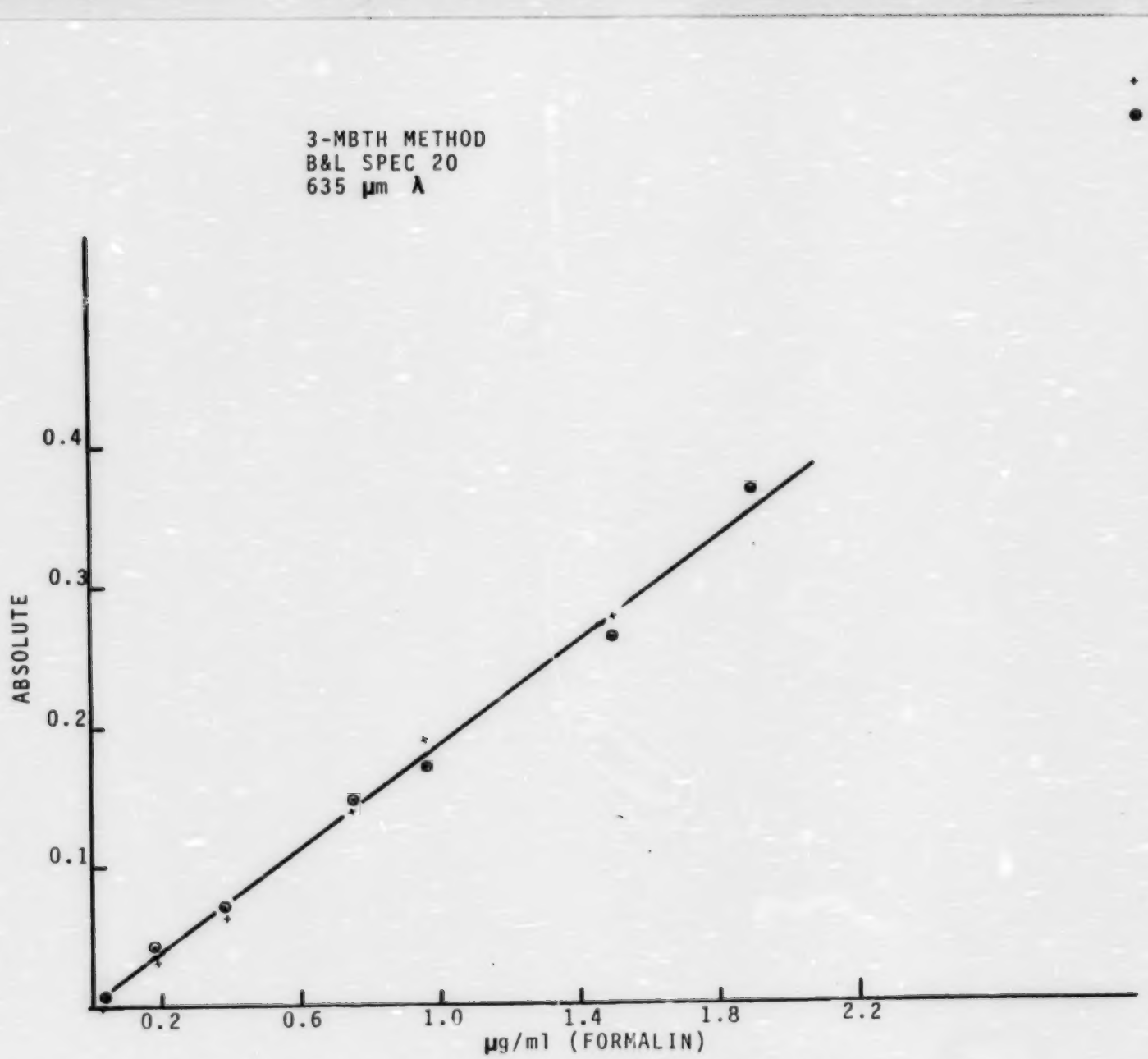


Figure 2-1. STANDARD CALIBRATION CURVE
TOTAL ALDEHYDES AS FORMALDEHYDE

For those 1975 and 1972 vehicles which were also subjected to the high speed and low speed cold start tests, the 10-minute preconditioning cycle on the road was performed only if the low speed or high speed test was not performed within 20 hours after completion of at least 1,372 seconds of sustained dynamometer operation. Following completion of testing on each vehicle, appropriate vehicle information such as basic ignition timing, point dwell, idle rpm, idle HC and CO were recorded.

2.7 DATA HANDLING

2.7.1 Data Collection

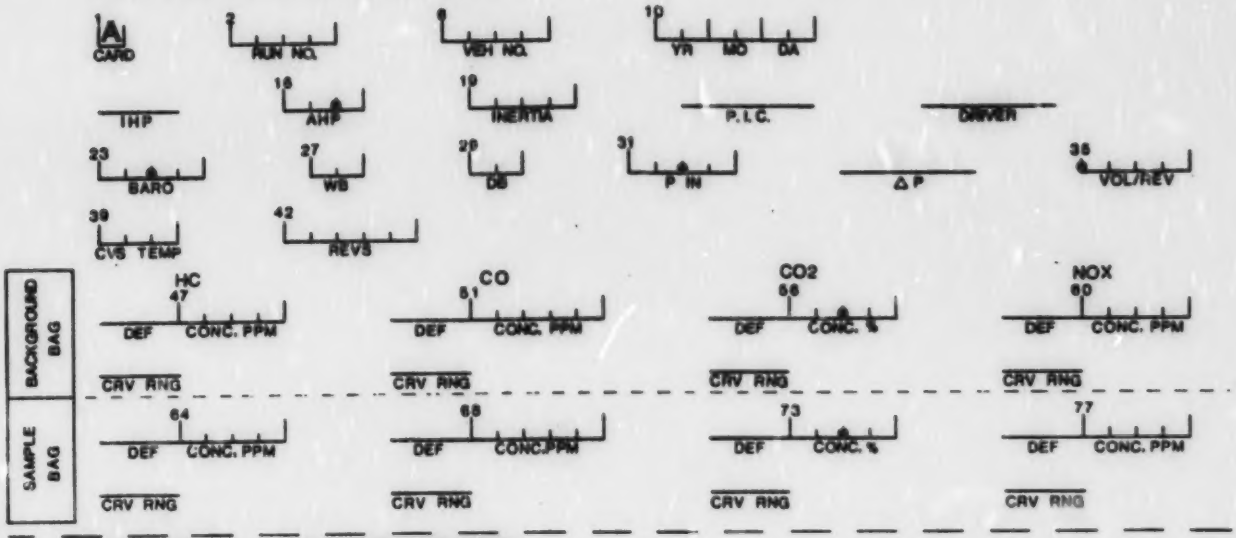
Olson developed keypunch-compatible forms for each test procedure required for this contract. An example of the format, Figure 2-2, shows the data required for calculation of a 1975 FTP.

Numerous other forms were developed and used for system quality control, working gas inventory control, etc. These forms included daily start-up checks and tests, working gas pressure log, weekly instrument calibration data forms, propane recovery data forms, NO_x converter efficiency checks, dynamometer coast-down data forms and equipment maintenance logs.

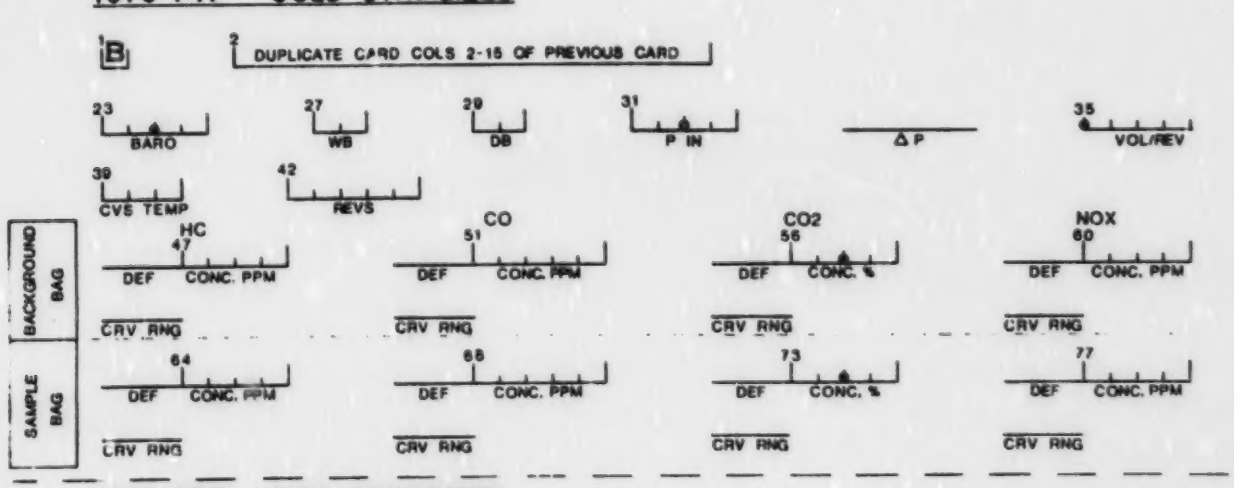
Olson used a packet of file folders for each vehicle tested. This system placed all data pertaining to any one vehicle in a single filing source to provide for rapid review of pertinent data, particularly for those vehicles which were subjected to multiple types of tests. Each test packet contained the following:

1. Vehicle information sheet

1975 FTP - COLD TRANSIENT



1975 FTP - COLD STABILIZED



1975 FTP - HOT TRANSIENT

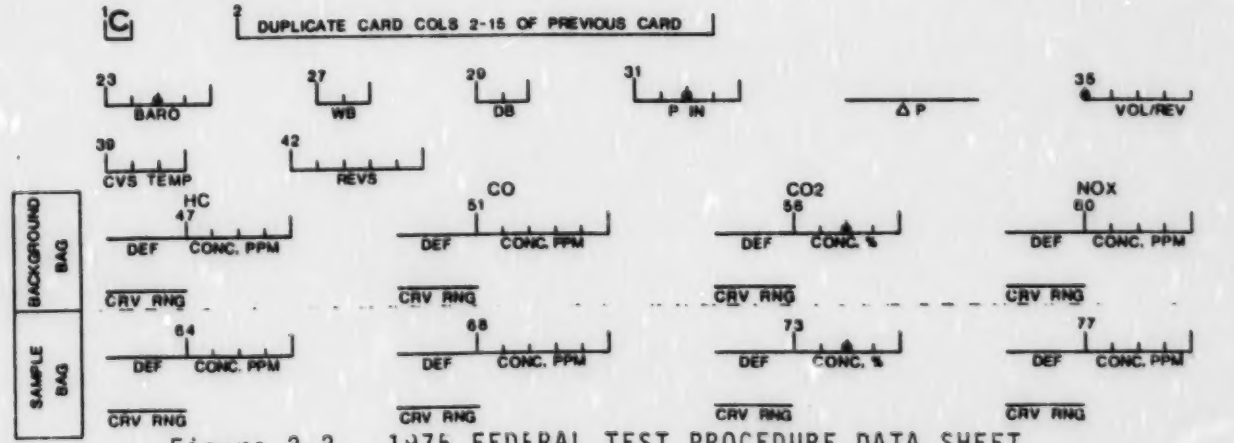


Figure 2-2. 1975 FEDERAL TEST PROCEDURE DATA SHEET

2. Bond application card

3. Loan vehicle and test agreement forms

4. Owner questionnaire

5. Test data sheets for each type of test required

6. All raw test data such as analyzer recorder strip charts, temperature strip charts, driver's aid charts and all other raw test data applicable to each specific vehicle. Copies of pertinent data was retained in each test site with the original copy sent to Anaheim for processing.

2.7.2 Data Processing

Vehicle information, results of vehicle inspection and emission test data were turned over to the data analysis section in Anaheim. Each bit of data required to be transmitted to the project officer or included in this final report was verified prior to keypunch for processing on an IBM 360 computer. All exhaust emission and fuel economy calculations were made on an IBM 360 computer. An intermediate step between final calculations was required for the modal test. The continuous dilute sample strip charts were integrated using a Hewlett-Packard 9821A desk-top computer and a 9864A digitizer to obtain the integrated concentration value for each of the acceleration/deceleration and steady-state modes. This data was then keypunched and processed by the IBM computer to provide mode-by-mode emissions in gms per mile and fuel economy.

2.7.3 Calculation of Results

Calculation of results for each of the various tasks was performed by the use of appropriate Federal Register procedures supplemented by specific procedures specified by the project officer.

2.7.3.1 Exhaust emissions - (Federal Test Procedure)

Emission results for the 1975 FTP were calculated in accordance with Federal Register procedures. For the 1972 FTP equivalent, results were calculated by summing the emissions from the cold transient and cold stabilized phases (bags 1 and 2) and performing the standard 1972 FTP calculations.

2.7.3.2 Highway Fuel Economy

Fuel economy data were calculated using the CVS emission test results over the 765-second, 10.2-mile, highway fuel economy cycle. Fuel economy was calculated by the carbon balance method.

2.7.3.3 Modal Emissions

The steady-state emission results were calculated in accordance with Federal Register basic procedures used for mass flow rate, sample bag concentration and distance traveled during bag sample collection. Results were calculated in grams/mile, except the emissions were calculated in grams/minute for idle mode conditions.

The surveillance driving cycle emissions were calculated two ways. The CVS bag results were calculated in accordance with standard CVS procedures using a distance traveled of 9.808 miles for the cycle. In addition, each

mode of the surveillance driving cycle was calculated using integrated diluted concentration levels per individual mode and the miles traveled for each mode. This data was derived from the continuous strip chart recordings of each pollutant during the SDS cycle.

2.7.3.4 Clayton Key Mode Emissions

Clayton Key Mode emissions are reported in raw exhaust concentration as percent CO and ppm hexane at each operating speed/load condition.

2.7.3.5 Low Speed Cycle Emissions

Emission and fuel economy results were calculated using procedures identical to those for the 1975 FTP, except that the distance traveled differs from the 1975 FTP for each sample phase. A description of the cycle duration and distance traveled is shown preceding Table 13 of this report.

2.7.3.6 High Speed Cycle Emissions

The high speed cycle emission and fuel economy results were also calculated using the 1975 FTP procedures with the same exception of distance traveled during each sample phase. The cycle description is shown preceding Table 14 of this report.

2.7.3.7 Aldehyde and Light Hydrocarbon Emission

The description is included in Section 2.6 test procedures which describes the method of calculating results.

Section 3

DISCUSSIONS

3.0 DISCUSSION OF TEST RESULTS

Table 1 summarizes the make and model-year vehicles selected and Table 2 summarized the test vehicle characteristics by model-year and by test location.

3.1 FEDERAL TEST PROCEDURES EMISSIONS AND FUEL ECONOMY

Emission and fuel economy results by test locations are presented in Table 3 through 10. These tables contain the following basic data relative to emissions and fuel economy.

Table 3 - Exhaust Emission Results and Fuel Economy vs. Model-Year

Table 4 - Exhaust Emission Results for 1975 LIght Duty Trucks

Table 5 - Vehicles Meeting 1972 Federal Standards and Vehicles Meeting 1973/1974 Federal Standards

Table 6 - Light Duty Trucks Meeting Federal Standards

Table 7 - 1972 Vehicles Meeting 1972 Federal Standards

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Table 8 - 1973 Vehicles Meeting 1973 Federal Standards

Table 9 - 1974 Vehicles Meeting 1974 Federal Standards

Table 10 - 1975 Vehicles Meeting 1975 Federal Standards

Table 11 - Summary of Modal Emission Results on Forty-Five 1975 Model-Year Vehicles

Table 12 - Summary of Clayton Key Mode and Replicate Emission Results on Forty-Five 1975 Model-Year Vehicles

Table 13 - Low Speed Cycle Emission Test Results Vs. Model-Year

Table 14 - High Speed Cycle Emission Test Results Vs. Model-Year

Table 15 - Summary of Light Hydrocarbons and Aliphatic Aldehyde Measurement

Fuel economy results for individual vehicles are listed in Appendix D.

3.2 HIGHWAY FUEL ECONOMY

The average fuel economy by model-year and location is shown in Tables 3 and 4 and also for individual vehicles in Appendix D.

3.3 MODAL EMISSIONS AND FUEL ECONOMY

Modal results including steady-state modes and the surveillance driving cycle for both emissions and fuel economy are shown in summary Table 11 for all vehicles tested. The individual vehicle modal data is also listed in Appendix E.

3.4 CLAYTON KEY MODE EMISSIONS

A summary of the Clayton Key Mode results for the 1975 vehicles is shown in Table 12. Individual vehicle key mode emissions are shown in Appendix F.

3.5 LOW SPEED CYCLE EMISSIONS AND FUEL ECONOMY

A summary of low speed cycle emission and fuel economy are shown by location in Table 13. Individual emissions and fuel economy data are shown by location in Appendix G.

3.6 HIGH SPEED CYCLE EMISSIONS AND FUEL ECONOMY

A summary of low speed cycle emissions and fuel economy are shown by location in Table 14. Individual vehicle emissions and fuel economy data are shown by location in Appendix H.

3.7 ALDEHYDE AND LIGHT HYDROCARBON EMISSIONS

A summary of the aldehyde and light hydrocarbons (Los Angeles only) emissions are shown in Table 15. The individual vehicle results are shown in Appendix C.

Section 4

ACKNOWLEDGMENTS

A special thanks to Mr. John T. White, Project Manager, and his staff of Matthew Macocha, Tom Bejma, and John Shelton for providing counsel and technical guidance throughout the program.

TABLES OF VEHICLE CHARACTERISTICS

AND

EXHAUST EMISSION RESULTS

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TABLE 1

SUMMARY OF VEHICLE MAKES

CALIFORNIA

	(1965,1966,1967)	1968	1969	1970	1971	1972	1973	1974	1975	TOTALS
LIGHT-DUTY TRUCKS										
CHEVROLET	0	0	0	0	0	0	0	0	4	4
DODGE	0	0	0	0	0	0	0	0	1	1
FORD	0	0	0	0	0	0	0	0	4	4
GMC	0	0	0	0	0	0	0	0	1	1
DOMESTICS										
AMC	0	0	0	0	0	1	1	1	1	4
BUICK	0	0	0	0	0	1	1	2	3	7
CADILLAC	0	0	0	0	0	1	1	0	1	3
CHEVROLET	0	0	0	0	0	6	6	6	6	24
CHRYSLER	0	0	0	0	0	0	0	0	1	1
DODGE	0	0	0	0	0	1	1	2	2	6
FORD	0	0	0	0	0	5	5	5	5	20
LINCOLN	0	0	0	0	0	0	0	1	0	1
MERCURY	0	0	0	0	0	1	1	1	2	5
OLDSMOBILE	0	0	0	0	0	1	2	3	3	9
PLYMOUTH	0	0	0	0	0	2	2	2	2	8
PONTIAC	0	0	0	0	0	2	2	2	3	9
IMPORTS										
AUDI	0	0	0	0	0	0	0	0	0	0
CAPRI	0	0	0	0	0	0	0	0	1	1
COLT	0	0	0	0	0	0	0	0	0	0
DATSUN	0	0	0	0	0	1	1	1	1	4
FIAT	0	0	0	0	0	0	0	0	0	0
HONDA	0	0	0	0	0	0	0	0	1	1
MAZDA	0	0	0	0	0	0	0	1	0	1
MERC.-BENZ.	0	0	0	0	0	0	0	0	0	0
MG	0	0	0	0	0	0	0	0	0	0
OPEL	0	0	0	0	0	0	1	0	0	1
PORSCHE	0	0	0	0	0	0	0	0	0	0
TOYOTA	0	0	0	0	0	1	1	1	1	4
VW	0	0	0	0	0	2	2	2	2	8
VOLVO	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	25	27	30	45	127

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TABLE 1

SUMMARY OF VEHICLE MAKES

ST. LOUIS

	(1965,1966,1967)	1968	1969	1970	1971	1972	1973	1974	1975	TOTALS
LIGHT-DUTY TRUCKS										
CHEVROLET	0	0	0	0	0	0	0	0	3	3
DODGE	0	0	0	0	0	0	0	0	1	1
FORD	0	0	0	0	0	0	0	0	4	4
GMC	0	0	0	0	0	0	0	0	2	2
DOMESTICS										
AMC	3	1	1	1	1	2	1	1	4	15
BUICK	3	2	2	3	3	4	4	3	10	34
CADILLAC	1	1	1	1	1	1	1	1	4	12
CHEVROLET	12	7	8	9	11	11	11	10	29	108
CHRYSLER	1	1	1	1	1	1	1	1	3	11
DODGE	3	2	2	2	3	3	3	3	8	29
FORD	11	6	7	8	9	9	9	8	24	91
LINCOLN	1	0	0	0	0	1	0	1	1	4
MERCURY	1	1	1	2	2	2	2	2	6	19
OLDSMOBILE	3	2	3	3	3	4	4	4	11	37
PLYMOUTH	4	2	3	3	3	3	3	3	9	33
PONTIAC	5	3	3	3	3	3	4	4	11	39
IMPORTS										
AUDI	0	0	0	0	0	0	0	0	1	1
CAPRI	0	0	0	0	0	1	1	1	3	6
COLT	0	0	0	0	0	0	0	0	1	1
DATSUN	0	0	0	1	1	1	1	2	4	10
FIAT	0	0	0	0	0	0	0	0	2	2
HONDA	0	0	0	0	0	0	0	0	2	2
MAZDA	0	0	0	0	0	0	1	1	2	4
MERC.-BENZ.	0	0	0	0	0	0	0	0	1	1
MG	0	0	0	0	0	0	0	0	1	1
OPEL	0	0	0	0	1	1	1	1	2	6
PORSCHE	0	0	0	0	0	0	0	0	1	1
TOYOTA	0	0	1	1	1	1	1	2	4	11
VW	2	2	2	2	2	2	2	2	5	21
VOLVO	0	0	0	0	0	0	0	0	1	1
TOTALS	50	30	35	40	45	50	50	50	160	510

TABLE 2

SUMMARY OF TEST VEHICLE CHARACTERISTICS
BY MODEL YEAR

CALIFORNIA

	(1965,1966,1967)	1968	1969	1970	1971	1972	1973	1974	1975	1975 (TRUCKS)	TOTALS
INERTIA WEIGHTS (LBS)											
1750	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	1	1	0	0	0	2
2250	0	0	0	0	0	1	1	3	3	0	8
2500	0	0	0	0	0	4	4	1	1	0	10
2750	0	0	0	0	0	1	0	3	1	0	5
3000	0	0	0	0	0	2	4	2	3	0	11
3500	0	0	0	0	0	4	2	3	8	2	19
4000	0	0	0	0	0	5	4	8	7	8	32
4500	0	0	0	0	0	3	6	5	6	0	20
5000	0	0	0	0	0	4	5	3	3	0	15
5500	0	0	0	0	0	0	0	2	3	0	5
TOTALS =	0	0	0	0	0	25	27	30	35	10	127
ENGINE DISPLACEMENT (CUBIC INCHES)											
071-251	0	0	0	0	0	10	9	11	12	0	42
251-330	0	0	0	0	0	2	4	3	4	3	16
331-399	0	0	0	0	0	7	5	7	10	7	36
OVER 399	0	0	0	0	0	6	9	9	9	0	33
TOTALS =	0	0	0	0	0	25	27	30	35	10	127
NUMBER OF ENGINE CYLINDERS											
4	0	0	0	0	0	6	7	6	8	0	27
6	0	0	0	0	0	4	3	4	5	1	17
8	0	0	0	0	0	15	17	19	22	9	82
ROTARY	0	0	0	0	0	0	0	1	0	0	1
TOTALS =	0	0	0	0	0	25	27	30	35	10	127

TABLE 2

SUMMARY OF TEST VEHICLE CHARACTERISTICS
BY MODEL YEAR

ST. LOUIS

	(1965,1966,1967)	1968	1969	1970	1971	1972	1973	1974	1975	1975 (TRUCKS)	TOTALS
INERTIA WEIGHTS (LBS)											
1750	0	0	0	0	0	0	0	0	0	0	0
2000	2	0	2	2	3	1	0	0	4	0	14
2250	0	1	0	2	1	2	3	4	3	0	16
2500	0	0	1	0	3	5	5	1	7	0	22
2750	2	0	0	1	1	2	3	5	15	0	29
3000	4	6	4	4	3	6	2	4	13	0	46
3500	14	7	11	11	10	10	5	5	20	1	94
4000	21	7	11	11	10	7	13	12	33	9	134
4500	5	8	5	7	10	12	9	9	31	0	96
5000	1	1	1	2	4	3	8	7	15	0	42
5500	1	0	0	0	0	2	2	3	9	0	17
TOTALS =	50	30	35	40	45	50	50	50	150	10	510
ENGINE DISPLACEMENT (CUBIC INCHES)											
071-251	8	4	6	8	10	14	15	17	52	0	134
251-330	23	12	10	9	7	7	5	4	18	2	97
331-399	12	9	13	17	18	16	15	15	46	8	169
OVER 399	7	5	6	6	10	13	15	14	34	0	110
TOTALS =	50	30	35	40	45	50	50	50	150	10	510
NUMBER OF ENGINE CYLINDERS											
4	2	2	3	4	7	10	10	10	35	0	83
6	5	2	3	4	3	6	4	6	16	0	49
8	43	26	29	32	35	34	35	33	97	10	374
ROTARY	0	0	0	0	0	0	1	1	2	0	4
TOTALS =	50	30	35	40	45	50	50	50	150	10	510

TABLE 3A

EXHAUST EMISSION TEST RESULTS VS. MODEL YEAR

CALIFORNIA

1972 FEDERAL TEST PROCEDURE

	N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	FUEL ECONOMY HFET	NO. HFET
1965, 1966, 1967	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1968	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1969	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1970	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1971	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1972	25.	49550.	3.51	46.86	579.97	4.15	13.29	0.0	0.
1973	27.	32764.	3.98	44.35	617.36	3.76	12.69	0.0	0.
1974	30.	22616.	2.87	44.26	694.88	2.57	11.48	0.0	0.
1975	35.	8130.	0.75	10.26	769.97	2.42	12.18	17.95	35.
TOTALS (#011-510)	117.	26380.	2.63	35.09	656.90	3.14	12.32	17.95	35.
TOTALS (#011-230)	117.	26380.	2.63	35.09	656.90	3.14	12.32	17.95	35.
TOTALS (#011-127)	117.	26380.	2.63	35.09	656.90	3.14	12.32	17.95	35.
TOTALS (#011-100)	90.	24464.	2.22	32.31	668.76	2.95	12.22	17.95	35.

TABLE 3A

EXHAUST EMISSION TEST RESULTS VS. MODEL YEAR

ST. LOUIS

1972 FEDERAL TEST PROCEDURE

	N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	FUEL ECONOMY HFET	NO. HFET
1965, 1966, 1967	50.	78864.	9.58	125.18	454.6	2.59	13.02	0.0	0.
1968	30.	77439.	7.40	95.62	526.54	3.14	12.67	0.0	0.
1969	35.	66383.	6.93	96.74	516.56	3.36	12.85	0.0	0.
1970	40.	64545.	5.55	75.02	531.64	3.36	13.30	0.0	0.
1971	45.	50376.	4.90	60.62	578.67	3.74	12.87	0.0	0.
1972	50.	45055.	3.90	54.28	580.95	3.68	13.08	0.0	0.
1973	50.	32718.	3.37	47.90	622.22	2.77	12.53	0.0	0.
1974	50.	22087.	3.73	47.45	615.87	2.61	12.64	0.0	0.
1975	150.	9538.	1.59	26.53	621.51	2.31	13.28	20.38	35.
TOTALS (#011-510)	500.	39724.	4.35	59.40	576.16	2.89	12.99	20.38	35.
TOTALS (#011-230)	220.	45456.	5.04	67.24	551.16	2.90	13.19	20.38	35.
TOTALS (#011-127)	117.	27437.	3.06	43.03	592.93	2.72	13.24	20.38	35.
TOTALS (#011-100)	90.	26154.	3.03	42.67	595.69	2.68	13.20	20.38	35.

TABLE 3B

EXHAUST EMISSION TEST RESULTS VS. MODEL YEAR

CALIFORNIA

1975 FEDERAL TEST PROCEDURE

	N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	FUEL ECONOMY HFET	NO. HFET
1965, 1966, 1967	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1968	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1969	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1970	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1971	0.	0.	0.0	0.0	0.0	0.0	0.0	0.0	0.
1972	25.	49550.	3.14	40.92	560.12	4.19	13.99	0.0	0.
1973	27.	32764.	3.52	36.51	597.57	3.72	13.32	0.0	0.
1974	30.	22616.	2.57	37.04	669.73	2.47	12.06	0.0	0.
1975	35.	8130.	0.52	8.59	683.58	2.38	12.78	17.95	35.
TOTALS (#011-510)	117.	26380.	2.30	28.64	633.80	3.10	12.94	17.95	35.
TOTALS (#011-230)	117.	26380.	2.30	28.64	633.80	3.10	12.94	17.95	35.
TOTALS (#011-127)	117.	26380.	2.30	28.64	633.80	3.10	12.94	17.95	35.
TOTALS (#011-100)	90.	24464.	1.93	26.28	644.67	2.91	12.62	17.95	35.

TABLE 3B

EXHAUST EMISSION TEST RESULTS VS. MODEL YEAR

ST. LOUIS

1975 FEDERAL TEST PROCEDURE

	N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	FUEL ECONOMY HFET	NO. HFET
1965, 1966, 1967	50.	78864.	8.65	113.17	442.7	2.69	13.70	0.0	0.
1968	30.	77439.	6.71	78.84	515.93	3.37	13.42	0.0	0.
1969	35.	66383.	6.26	83.39	504.84	3.60	13.53	0.0	0.
1970	40.	64545.	4.85	63.74	518.81	3.50	13.99	0.0	0.
1971	45.	50376.	4.22	48.59	566.30	3.84	13.53	0.0	0.
1972	50.	45055.	3.58	44.23	568.59	3.79	13.67	0.0	0.
1973	50.	32718.	3.02	41.12	603.18	2.85	13.10	0.0	0.
1974	50.	22087.	3.32	39.40	600.58	2.63	13.19	0.0	0.
1975	150.	9538.	1.26	20.88	605.48	2.28	13.82	20.38	35.
TOTALS (#011-510)	500.	39724.	3.84	50.10	561.89	2.96	13.60	20.38	35.
TOTALS (#011-230)	220.	45456.	4.51	57.48	538.59	2.99	13.80	20.38	35.
TOTALS (#011-127)	117.	27437.	2.73	35.76	578.23	2.76	13.80	20.38	35.
TOTALS (#011-100)	90.	26154.	2.67	35.02	581.85	2.71	13.75	20.38	35.

TABLE 4

EXHAUST EMISSION TEST RESULTS FOR 1975 LIGHT-DUTY TRUCKS

CALIFORNIA

1972 FEDERAL TEST PROCEDURE

N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	FUEL ECONOMY HFET
10.	9244.	1.23	18.10	737.0	2.17	11.54	16.33

1975 FEDERAL TEST PROCEDURE

N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	FUEL ECONOMY HFET
10.	9244.	0.95	12.91	712.6	2.12	12.06	16.33

TABLE 4

EXHAUST EMISSION TEST RESULTS FOR 1975 LIGHT-DUTY TRUCKS

ST. LOUIS

1972 FEDERAL TEST PROCEDURE

N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	HFET
10.	10204.	1.83	21.66	701.9	2.11	11.97	18.15

1975 FEDERAL TEST PROCEDURE

N	AVERAGE MILEAGE	HC	CO	CO2	NOXC	FUEL ECONOMY FTP	HFET
10.	10204.	1.66	16.17	682.0	2.04	12.45	18.15

TABLE 5

VEHICLES MEETING FEDERAL STANDARDS

CALIFORNIA

1972 FEDERAL STANDARDS

		HC		CO		
		≤3.4 GM/MILE		≤39 GM/MILE		PASSED BOTH
	N	NO.	PCT	NO.	PCT	NO. PCT
1965, 1966, 1967	0.	0.	0.0	0.	0.0	0. 0.0
1968	0.	0.	0.0	0.	0.0	0. 0.0
1969	0.	0.	0.0	0.	0.0	0. 0.0
1970	0.	0.	0.0	0.	0.0	0. 0.0
1971	0.	0.	0.0	0.	0.0	0. 0.0
1972	25.	15.	60.0	12.	48.0	9. 36.0
1973	27.	19.	70.4	15.	55.6	13. 48.1
1974	30.	22.	73.3	16.	53.3	14. 46.7
1975	35.	35.	100.0	35.	100.0	35. 100.0
TOTALS (#011-510)	117.	91.	77.8	78.	66.7	71. 60.7
TOTALS (#011-230)	117.	91.	77.8	78.	66.7	71. 60.7
TOTALS (#011-127)	117.	91.	77.8	78.	66.7	71. 60.7
TOTALS (#011-100)	90.	72.	80.0	63.	70.0	58. 64.4

TABLE 5 (CONTD)

VEHICLES MEETING FEDERAL STANDARDS

CALIFORNIA

1973/1974 FEDERAL STANDARDS

		HC		CO		NOX		PASSED ALL THREE	
		≤3.4 GM/MI		≤ 39 GM/MI		≤3.0 GM/MI			
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO	PCT
1965, 1966, 1967	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
1968	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
1969	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
1970	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
1971	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
1972	25.	15.	60.0	12.	48.0	6.	24.0	3.	12.0
1973	27.	19.	70.4	15.	55.6	10.	37.0	4.	14.8
1974	30.	22.	73.3	16.	53.3	22.	73.3	8.	26.7
1975	35.	35.	100.0	35.	100.0	28.	80.0	28.	80.0
TOTALS (#011-510)	117.	91.	77.8	78.	66.7	66.	56.4	43.	36.8
TOTALS (#011-230)	117.	91.	77.8	78.	66.7	66.	56.4	43.	36.8
TOTALS (#011-127)	117.	91.	77.8	78.	66.7	66.	56.4	43.	36.8
TOTALS (#011-100)	90.	72.	80.0	63.	70.0	56.	62.2	39.	43.3

TABLE 5

VEHICLES MEETING FEDERAL STANDARDS

ST. LOUIS

1972 FEDERAL STANDARDS

		HC		CO			
		≤3.4 GM/MILE		≤39 GM/MILE		PASSED BOTH	
	N	NO.	PCT	NO.	PCT	NO.	PCT
1965, 1966, 1967	50.	1.	2.0	1.	2.0	0.	0.0
1968	30.	2.	6.7	1.	3.3	1.	3.3
1969	35.	3.	8.6	3.	8.6	2.	5.7
1970	40.	7.	17.5	6.	15.0	3.	7.5
1971	45.	13.	28.9	14.	31.1	10.	22.2
1972	50.	21.	42.0	20.	40.0	16.	32.0
1973	50.	28.	56.0	24.	48.0	18.	36.0
1974	50.	23.	46.0	26.	52.0	21.	42.0
1975	150.	144.	98.0	117.	78.0	115.	76.7
TOTALS (#011-510)	500.	242.	48.4	212.	42.4	186.	37.2
TOTALS (#011-230)	220.	81.	36.8	72.	32.7	60.	27.3
TOTALS (#011-127)	117.	69.	59.0	63.	53.8	54.	46.2
TOTALS (#011-100)	90.	51.	56.7	50.	55.6	43.	47.8

TABLE 5 (CONTD)

VEHICLES MEETING FEDERAL STANDARDS

ST. LOUIS

1973/1974 FEDERAL STANDARDS

		HC		CO		NOX		PASSED ALL THREE	
		≤3.4 GM/MI		≤ 39 GM/MI		≤3.0 GM/MI			
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
1965, 1966, 1967	50.	1.	2.0	1.	2.0	34.	68.0	0.	0.0
1968	30.	2.	6.7	1.	3.3	16.	53.3	0.	0.0
1969	35.	3.	8.6	3.	8.6	16.	45.7	2.	5.7
1970	40.	7.	17.5	6.	15.0	18.	45.0	1.	2.5
1971	45.	13.	28.9	14.	31.1	13.	28.9	3.	6.7
1972	50.	21.	42.0	20.	40.0	17.	34.0	5.	10.0
1973	50.	28.	56.0	24.	48.0	36.	72.0	13.	26.0
1974	50.	23.	46.0	26.	52.0	37.	74.0	14.	28.0
1975	150.	144.	96.0	117.	78.0	127.	84.7	96.	64.0
TOTALS (#011-510)	500.	242.	48.4	212.	42.4	314.	62.8	134.	26.8
TOTALS (#011-230)	220.	81.	36.8	72.	32.7	138.	62.7	36.	16.4
TOTALS (#011-127)	117.	69.	59.0	63.	53.8	82.	70.1	36.	30.8
TOTALS (#011-100)	90.	51.	56.7	50.	55.6	63.	70.0	29.	32.2

TABLE 6

1975 LIGHT-DUTY TRUCKS MEETING FEDERAL STANDARDS

CALIFORNIA

1975 FEDERAL STANDARDS FOR LIGHT-DUTY TRUCKS

	N	HC ≤2.0 GM/MI NO.	HC ≤2.0 GM/MI PCT	CO ≤ 20 GM/MI NO.	CO ≤ 20 GM/MI PCT	NOX ≤3.1 GM/MI NO.	NOX ≤3.1 GM/MI PCT	PASSED ALL THREE NO.	PASSED ALL THREE PCT
CHEVROLET	4.	4.	100.0	4.	100.0	4.	100.0	4.	100.0
DODGE	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
FORD	4.	3.	75.0	3.	75.0	3.	75.0	2.	50.0
GMC	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
TOTALS	10.	9.	90.0	9.	90.0	8.	80.0	7.	70.0

1973/1974 FEDERAL STANDARDS

	N	≤3.4 GM/MI NO.	≤3.4 GM/MI PCT	≤ 39 GM/MI NO.	≤ 39 GM/MI PCT	≤3.0 GM/MI NO.	≤3.0 GM/MI PCT	PASSED ALL THREE NO.	PASSED ALL THREE PCT
CHEVROLET	4.	4.	100.0	4.	100.0	4.	100.0	4.	100.0
DODGE	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
FORD	4.	4.	100.0	3.	75.0	3.	75.0	2.	50.0
GMC	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
TOTALS	10.	10.	100.0	9.	90.0	8.	80.0	7.	70.0

1972 FEDERAL STANDARDS

	N	≤3.4 GM/MI NO.	≤3.4 GM/MI PCT	≤ 39 GM/MI NO.	≤ 39 GM/MI PCT	PASSED BOTH NO.	PASSED BOTH PCT
CHEVROLET	4.	4.	100.0	4.	100.0	4.	100.0
DODGE	1.	1.	100.0	1.	100.0	1.	100.0
FORD	4.	4.	100.0	3.	75.0	3.	75.0
GMC	1.	1.	100.0	1.	100.0	1.	100.0
TOTALS	10.	10.	100.0	9.	90.0	9.	90.0

TABLE 6

1975 LIGHT-DUTY TRUCKS MEETING FEDERAL STANDARDS

ST. LOUIS

1975 FEDERAL STANDARDS FOR LIGHT-DUTY TRUCKS

		HC ≤2.0 GM/MI		CO ≤ 20 GM/MI		NOX ≤3.1 GM/MI		PASSED ALL THREE	
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
CHEVROLET	4.	4.	100.0	4.	100.0	3.	75.0	3.	75.0
DODGE	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
FORD	4.	3.	75.0	2.	50.0	4.	100.0	2.	50.0
GMC	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
TOTALS	10.	8.	80.0	7.	70.0	9.	90.0	6.	60.0

1973/1974 FEDERAL STANDARDS

	N	≤3.4 GM/MI		≤ 39 GM/MI		≤3.0 GM/MI		PASSED ALL THREE	
CHEVROLET	4.	4.	100.0	4.	100.0	3.	75.0	3.	75.0
DODGE	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
FORD	4.	3.	75.0	3.	75.0	4.	100.0	2.	50.0
GMC	1.	1.	100.0	0.	0.0	1.	100.0	0.	0.0
TOTALS	10.	9.	90.0	8.	80.0	8.	80.0	5.	50.0

1972 FEDERAL STANDARDS

	N	≤3.4 GM/MI		≤ 39 GM/MI		PASSED BOTH	
CHEVROLET	4.	4.	100.0	4.	100.0	4.	100.0
DODGE	1.	1.	100.0	1.	100.0	1.	100.0
FORD	4.	3.	75.0	3.	75.0	2.	50.0
GMC	1.	1.	100.0	0.	0.0	0.	0.0
TOTALS	10.	9.	90.0	8.	80.0	7.	70.0

TABLE 7

1972 VEHICLES MEETING 1972 FEDERAL STANDARDS

CALIFORNIA

1972 FEDERAL TEST PROCEDURE

		HC ≤3.4 GM/MI		CO ≤ 39 GM/MI		PASSED BOTH	
	N	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS							
AMC	1.	1.	100.0	1.	100.0	1.	100.0
BUICK	1.	1.	100.0	1.	100.0	1.	100.0
CADILLAC	1.	1.	100.0	0.	0.0	0.	0.0
CHEVROLET	6.	5.	83.3	5.	83.3	4.	66.7
CHRYSLER	0.	0.	0.0	0.	0.0	0.	0.0
DODGE	1.	0.	0.0	0.	0.0	0.	0.0
FORD	5.	1.	20.0	1.	20.0	0.	0.0
LINCOLN	0.	0.	0.0	0.	0.0	0.	0.0
MERCURY	1.	1.	100.0	0.	0.0	0.	0.0
OLDSMOBILE	1.	0.	0.0	1.	100.0	0.	0.0
PLYMOUTH	2.	2.	100.0	0.	0.0	0.	0.0
PONTIAC	2.	1.	50.0	1.	50.0	1.	50.0
IMPORTS							
CAPRI	0.	0.	0.0	0.	0.0	0.	0.0
DATSUN	1.	1.	100.0	1.	100.0	1.	100.0
OPEL	0.	0.	0.0	0.	0.0	0.	0.0
TOYOTA	1.	0.	0.0	0.	0.0	0.	0.0
VW	2.	1.	50.0	1.	50.0	1.	50.0
TOTALS	25.	15.	60.0	12.	48.0	9.	36.0

TABLE 7

1972 VEHICLES MEETING 1972 FEDERAL STANDARDS

ST. LOUIS

1972 FEDERAL TEST PROCEDURE

		HC ≤3.4 GM/MI		CO ≤ 39 GM/MI		PASSED BOTH	
	N	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS							
AMC	2.	1.	50.0	1.	50.0	1.	50.0
BUICK	4.	2.	50.0	1.	25.0	1.	25.0
CADILLAC	1.	0.	0.0	1.	100.0	0.	0.0
CHEVROLET	11.	7.	63.6	6.	54.5	6.	54.5
CHRYSLER	1.	1.	100.0	1.	100.0	1.	100.0
DODGE	3.	0.	0.0	0.	0.0	0.	0.0
FORD	9.	4.	44.4	4.	44.4	3.	33.3
LINCOLN	1.	1.	100.0	1.	100.0	1.	100.0
MERCURY	2.	0.	0.0	1.	50.0	0.	0.0
OLDSMOBILE	4.	2.	50.0	3.	75.0	2.	50.0
PLYMOUTH	3.	0.	0.0	0.	0.0	0.	0.0
PONTIAC	3.	0.	0.0	0.	0.0	0.	0.0
IMPORTS							
CAPRI	1.	1.	100.0	1.	100.0	1.	100.0
DATSUN	1.	0.	0.0	0.	0.0	0.	0.0
OPEL	1.	1.	100.0	0.	0.0	0.	0.0
TOYOTA	1.	1.	100.0	0.	0.0	0.	0.0
VW	2.	0.	0.0	0.	0.0	0.	0.0
TOTALS	50.	21.	42.0	20.	40.0	16.	32.0

TABLE 8

1973 VEHICLES MEETING 1973 FEDERAL STANDARDS

CALIFORNIA

1973 FEDERAL TEST PROCEDURE

		HC		CO		NOX		PASSED ALL THREE	
		≤3.4 GM/MI		≤ 39 GM/MI		≤3.0 GM/MI			
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS									
AMC	1.	1.	100.0	0.	0.0	0.	0.0	0.	0.0
BUICK	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
CADILLAC	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
CHEVROLET	6.	6.	100.0	5.	83.3	3.	50.0	2.	33.3
CHRYSLER	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
DODGE	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
FORD	5.	2.	40.0	1.	20.0	3.	60.0	1.	20.0
LINCOLN	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
MERCURY	1.	1.	100.0	0.	0.0	0.	0.0	0.	0.0
OLDSMOBILE	2.	2.	100.0	1.	50.0	0.	0.0	0.	0.0
PLYMOUTH	2.	1.	50.0	0.	0.0	0.	0.0	0.	0.0
PONTIAC	2.	0.	0.0	2.	100.0	1.	50.0	0.	0.0
IMPORTS									
CAPRI	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
DATSUN	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
MAZDA	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
OPEL	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
TOYOTA	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
VW	2.	2.	100.0	2.	100.0	1.	50.0	1.	50.0
TOTALS	27.	19.	70.4	15.	55.6	10.	37.0	4.	14.8

TABLE 8

1973 VEHICLES MEETING 1973 FEDERAL STANDARDS

ST. LOUIS

1973 FEDERAL TEST PROCEDURE

		HC		CO		NOX		PASSED ALL THREE	
		≤3.4 GM/MI		≤ 39 GM/MI		≤3.0 GM/MI			
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS									
AMC	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
BUICK	4.	3.	75.0	4.	100.0	3.	75.0	3.	75.0
CADILLAC	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
CHEVROLET	11.	8.	72.7	4.	36.4	10.	90.9	1.	9.1
CHRYSLER	1.	0.	0.0	1.	100.0	1.	100.0	0.	0.0
DODGE	3.	1.	33.3	1.	33.3	1.	33.3	0.	0.0
FORD	9.	3.	33.3	3.	33.3	5.	55.6	2.	22.2
LINCOLN	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
MERCURY	2.	2.	100.0	2.	100.0	1.	50.0	1.	50.0
OLDSMOBILE	4.	4.	100.0	3.	75.0	2.	50.0	2.	50.0
PLYMOUTH	3.	1.	33.3	0.	0.0	2.	66.7	0.	0.0
PONTIAC	4.	0.	0.0	0.	0.0	3.	75.0	0.	0.0
IMPORTS									
CAPRI	1.	1.	100.0	0.	0.0	1.	100.0	0.	0.0
DATSUN	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
MAZDA	1.	0.	0.0	1.	100.0	1.	100.0	0.	0.0
OPEL	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
TOYOTA	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
VW	2.	1.	50.0	1.	50.0	1.	50.0	0.	0.0
TOTALS	50.	28.	56.0	24.	48.0	36.	72.0	13.	26.0

TABLE 9

1974 VEHICLES MEETING 1974 FEDERAL STANDARDS

CALIFORNIA

1974 FEDERAL TEST PROCEDURE

		HC		CO		NOX		PASSED ALL THREE	
		≤3.4 GM/MI		≤ 34 GM/MI		≤3.0 GM/MI			
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS									
AMC	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
BUICK	2.	1.	50.0	1.	50.0	0.	0.0	0.	0.0
CADILLAC	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
CHEVROLET	6.	4.	66.7	1.	16.7	6.	100.0	1.	16.7
CHRYSLER	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
DODGE	2.	1.	50.0	1.	50.0	1.	50.0	0.	0.0
FORD	5.	5.	100.0	2.	40.0	3.	60.0	1.	20.0
LINCOLN	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
MERCURY	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
OLDSMOBILE	3.	3.	100.0	3.	100.0	2.	66.7	2.	66.7
PLYMOUTH	2.	1.	50.0	0.	0.0	2.	100.0	0.	0.0
PONTIAC	2.	2.	100.0	1.	50.0	2.	100.0	1.	50.0
IMPORTS									
CAPRI	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
DATSUN	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
MAZDA	1.	0.	0.0	1.	100.0	1.	100.0	0.	0.0
OPEL	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
TOYOTA	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
VW	2.	0.	0.0	1.	50.0	2.	100.0	0.	0.0
TOTALS	30.	22.	73.3	16.	53.3	22.	73.3	8.	26.7

TABLE 9

1974 VEHICLES MEETING 1974 FEDERAL STANDARDS

ST. LOUIS

1974 FEDERAL TEST PROCEDURE

		HC		CO		NOX		PASSED ALL THREE	
		≤3.4 GM/MI		≤ 39 GM/MI		≤3.0 GM/MI			
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS									
AMC	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
BUICK	3.	3.	100.0	3.	100.0	3.	100.0	3.	100.0
CADILLAC	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
CHEVROLET	10.	5.	50.0	5.	50.0	10.	100.0	4.	40.0
CHRYSLER	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
DODGE	3.	2.	66.7	3.	100.0	0.	0.0	0.	0.0
FORD	8.	2.	25.0	2.	25.0	7.	87.5	2.	25.0
LINCOLN	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
MERCURY	2.	0.	0.0	0.	0.0	1.	50.0	0.	0.0
OLDSMOBILE	4.	1.	25.0	1.	25.0	3.	75.0	0.	0.0
PLYMOUTH	3.	2.	66.7	1.	33.3	0.	0.0	0.	0.0
PONTIAC	4.	2.	50.0	3.	75.0	2.	50.0	1.	25.0
IMPORTS									
CAPRI	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
DATSUN	2.	1.	50.0	1.	50.0	2.	100.0	1.	50.0
MAZDA	1.	0.	0.0	1.	100.0	1.	100.0	0.	0.0
OPEL	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
TOYOTA	2.	2.	100.0	2.	100.0	1.	50.0	1.	50.0
VW	2.	0.	0.0	1.	50.0	2.	100.0	0.	0.0
TOTALS	50.	23.	46.0	26.	52.0	37.	74.0	14.	28.0

TABLE 10

1975 VEHICLES MEETING 1975 FEDERAL STANDARDS

CALIFORNIA

1975 FEDERAL TEST PROCEDURE

		HC ≤1.5 GM/MI		CO ≤15.0 GM/MI		NOX ≤3.1 GM/MI		PASSED ALL THREE	
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS									
AMC	1.	1.	100.0	0.	0.0	1.	100.0	0.	0.0
BUICK	3.	3.	100.0	2.	66.7	1.	33.3	1.	33.3
CADILLAC	1.	1.	100.0	0.	0.0	1.	100.0	0.	0.0
CHEVROLET	6.	6.	100.0	5.	83.3	5.	83.3	4.	66.7
CHRYSLER	1.	1.	100.0	0.	0.0	0.	0.0	0.	0.0
DODGE	2.	2.	100.0	2.	100.0	2.	100.0	2.	100.0
FORD	5.	5.	100.0	4.	80.0	5.	100.0	4.	80.0
LINCOLN	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
MERCURY	2.	2.	100.0	2.	100.0	1.	50.0	1.	50.0
OLDSMOBILE	3.	3.	100.0	2.	66.7	3.	100.0	2.	66.7
PLYMOUTH	2.	2.	100.0	1.	50.0	1.	50.0	0.	0.0
PONTIAC	3.	3.	100.0	3.	100.0	2.	66.7	2.	66.7
IMPORTS									
AUDI	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
CAPRI	1.	1.	100.0	0.	0.0	1.	100.0	0.	0.0
COLT	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
DATSUN	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
FIAT	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
HONDA	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
MAZDA	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
MERC.-BENZ.	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
MG	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
OPEL	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
PORSCHE	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
TOYOTA	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
VW	2.	2.	100.0	2.	100.0	2.	100.0	2.	100.0
VOLVO	0.	0.	0.0	0.	0.0	0.	0.0	0.	0.0
TOTALS	35.	35.	100.0	26.	74.3	28.	80.0	21.	60.0

TABLE 10

1975 VEHICLES MEETING 1975 FEDERAL STANDARDS

ST. LOUIS

1975 FEDERAL TEST PROCEDURE

		HC ≤1.5 GM/MI		CO ≤15.0 GM/MI		NOX ≤3.1 GM/MI		PASSED ALL THREE	
	N	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT
DOMESTICS									
AMC	4.	2.	50.0	3.	75.0	4.	100.0	2.	50.0
BUICK	10.	9.	90.0	8.	60.0	8.	80.0	7.	70.0
CADILLAC	4.	1.	25.0	0.	0.0	4.	100.0	0.	0.0
CHEVROLET	29.	21.	72.4	15.	51.7	25.	86.2	14.	48.3
CHRYSLER	3.	0.	0.0	0.	0.0	3.	100.0	0.	0.0
DODGE	8.	6.	75.0	0.	0.0	7.	87.5	0.	0.0
FORD	24.	20.	83.3	18.	75.0	19.	79.2	14.	58.3
LINCOLN	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
MERCURY	6.	6.	100.0	4.	66.7	4.	66.7	3.	50.0
OLDSMOBILE	11.	4.	36.4	4.	36.4	11.	100.0	4.	36.4
PLYMOUTH	9.	4.	44.4	1.	11.1	9.	100.0	1.	11.1
PONTIAC	11.	5.	45.5	2.	18.2	10.	90.9	2.	18.2
IMPORTS									
AUDI	1.	1.	100.0	1.	100.0	0.	0.0	0.	0.0
CAPRI	3.	2.	66.7	1.	33.3	3.	100.0	1.	33.3
COLT	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
DATSUN	4.	3.	75.0	2.	50.0	4.	100.0	2.	50.0
FIAT	2.	1.	50.0	1.	50.0	2.	100.0	1.	50.0
HONDA	2.	2.	100.0	2.	100.0	2.	100.0	2.	100.0
MAZDA	2.	2.	100.0	2.	100.0	2.	100.0	2.	100.0
MERC.-BENZ.	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
MG	1.	1.	100.0	1.	100.0	1.	100.0	1.	100.0
OPEL	2.	2.	100.0	2.	100.0	2.	100.0	2.	100.0
PORSCHE	1.	0.	0.0	0.	0.0	1.	100.0	0.	0.0
TOYOTA	4.	1.	25.0	3.	75.0	1.	25.0	0.	0.0
VW	5.	3.	60.0	2.	40.0	5.	100.0	1.	20.0
VOLVO	1.	1.	100.0	0.	0.0	1.	100.0	0.	0.0
TOTALS	150.	99.	66.0	74.	49.3	131.	87.3	61.	40.7

TABLE 11

SUMMARY OF MODAL EMISSIONS RESULTS ON
43 1975 MODEL-YEAR VEHICLES

CALIFORNIA

43 MODE NUMBER	FROM-TO (MPH)	DISTANCE (MILES)	TIME IN MODE (SECS)	HC	CO	CO2	NOX	FUEL ECON.
1	0 - 30	.0601	12	0.85	19.16	1225.3	6.86	7.05
2	30 - 0	.0741	16	0.24	3.91	470.6	0.62	18.59
3	0 - 15	.0201	8	0.65	14.05	1380.0	4.13	6.32
4	15 - 30	.0705	11	0.40	7.50	836.9	3.40	10.44
5	30 - 45	.1360	13	0.32	6.06	704.4	4.47	12.41
6	45 - 30	.1268	12	0.29	1.06	311.9	0.82	26.22
7	30 - 60	.2163	17	0.95	50.47	854.6	6.56	9.47
8	60 - 45	.1767	12	0.31	1.62	354.4	1.38	24.80
9	45 - 60	.2043	14	0.30	11.48	695.7	5.41	12.42
10	60 - 15	.3367	30	0.23	1.85	325.8	1.06	26.94
11	15 - 60	.3136	26	0.56	27.94	914.4	7.05	9.24
12	60 - 0	.1974	21	0.30	2.35	364.1	1.16	24.07
13	0 - 60	.3399	32	0.53	22.95	909.9	6.81	9.37
14	60 - 30	.2494	23	0.22	2.03	348.9	1.35	25.16
15	30 - 15	.0579	9	0.14	3.22	392.5	0.70	22.30
16	15 - 0	.0174	6	0.32	8.63	852.7	1.09	10.23
17	0 - 45	.1[illegible]	22	0.48	14.04	937.2	6.08	9.24
18	45 - 15	.1392	16	0.26	2.59	362.7	0.89	24.15
19	15 - [illegible]	.1528	18	0.38	10.66	835.9	5.26	10.39
20	45 - 0	.1304	14	0.30	3.26	407.7	0.98	21.45
21	0 - 60	.2658	25	0.90	48.66	993.2	7.25	8.27
22	60 - 0	.2635	26	0.28	2.63	394.9	1.32	22.16
23	0 - 30	.0739	15	0.46	12.61	1040.1	5.06	8.36
24	30 - 60	.3135	25	0.32	11.16	707.2	4.94	12.23
25	60 - 30	.2362	18	0.25	2.44	586.6	1.65	22.69
26	30 - 0	.0444	10	0.26	5.38	562.8	1.00	14.99
27	0 - 60	.4009	36	0.37	12.65	817.1	5.84	10.60
28	60 - 0	.3293	35	0.25	3.03	405.8	1.42	21.56
29	0 - 30	.0887	18	0.38	10.33	917.6	4.09	9.49
30	30 - 60	.2641	21	0.45	21.64	716.2	5.22	11.81
31	60 - 30	.1813	14	0.27	2.43	418.6	1.66	20.93
32	30 - 0	.0596	13	0.21	4.46	518.9	0.95	16.66

TABLE 11 (CONTD)

CALIFORNIA

MODE NUMBER		HC	CO	CO2	NOX	FUEL ECON.
	TOTAL BAG RESULTS	0.31	9.97	595.5	3.17	14.50
	TOTAL CALCULATED RESULTS	0.31	9.71	605.3	3.32	14.28
33	IDLE	0.07	0.54	98.0	0.11	69.56
34	5 MPH STEADY STATE	1.23	6.09	1293.1	1.14	6.79
35	10 MPH STEADY STATE	0.44	1.44	727.6	0.69	12.13
36	15 MPH STEADY STATE	0.26	0.72	562.5	0.67	15.72
37	30 MPH STEADY STATE	0.15	0.15	443.4	1.25	19.98
38	45 MPH STEADY STATE	0.11	0.76	443.7	1.83	19.93
39	60 MPH STEADY STATE	0.11	2.14	502.0	3.29	17.55

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE)
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE)

** TOTAL BAG RESULT AND MODES 33 - 39 AVERAGES INCLUDE VEHICLES 5036 AND 5045 **

TABLE 11

SUMMARY OF MODAL EMISSIONS RESULTS ON
FORTY-FIVE 1975 MODEL-YEAR VEHICLES

ST. LOUIS

MODE NUMBER	FROM-TO (MPH)	DISTANCE (MILES)	TIME IN MODE (SECS)	HC	CO	CO2	NOX	FUEL ECON.
1	0 - 30	.0601	12	1.60	30.89	1121.5	8.33	7.55
2	30 - 0	.0741	16	0.72	12.25	426.7	0.67	19.80
3	0 - 15	.0201	8	2.29	47.74	1194.9	3.63	6.95
4	15 - 30	.0705	11	0.88	14.22	749.4	4.37	11.46
5	30 - 45	.1360	13	0.50	5.78	635.1	5.79	13.74
6	45 - 30	.1268	12	0.54	3.00	285.8	0.74	30.37
7	30 - 60	.2163	17	0.98	37.26	815.4	9.66	10.12
8	60 - 45	.1767	12	0.57	2.32	310.0	1.48	28.13
9	45 - 60	.2043	14	0.36	7.51	655.2	7.62	13.28
10	60 - 15	.3367	30	0.62	4.80	292.8	1.08	29.36
11	15 - 60	.3136	26	0.70	20.12	849.2	9.66	10.05
12	60 - 0	.1974	21	0.88	6.44	320.9	1.20	26.59
13	0 - 60	.3399	32	0.74	18.80	850.4	9.59	10.06
14	60 - 30	.2994	23	0.60	3.84	307.3	1.42	28.15
15	30 - 15	.0579	9	0.39	7.24	351.4	0.79	24.38
16	15 - 0	.0174	8	1.80	42.84	805.8	0.88	10.10
17	0 - 45	.1763	22	0.90	19.44	869.6	7.95	9.83
18	45 - 15	.1392	16	0.56	6.02	318.1	0.85	26.95
19	15 - 45	.1528	18	0.72	16.32	783.9	7.10	10.93
20	45 - 0	.1304	19	0.73	9.00	367.8	0.90	23.10
21	0 - 60	.2658	25	1.29	46.99	939.6	10.58	8.72
22	60 - 0	.2635	28	0.78	7.00	342.3	1.36	24.94
23	0 - 30	.0739	15	1.13	25.34	951.3	6.11	8.92
24	30 - 60	.3135	25	0.45	11.25	646.7	7.10	13.33
25	60 - 30	.2362	18	0.59	3.71	334.5	1.68	25.94
26	30 - 0	.0444	10	0.61	11.31	511.8	1.10	16.70
27	0 - 60	.4009	38	0.62	15.78	752.2	7.80	11.39
28	60 - 0	.3293	35	0.69	6.78	358.6	1.43	23.88
29	0 - 30	.0687	18	1.02	23.50	834.4	4.73	10.15
30	30 - 60	.2641	21	0.58	18.94	675.9	7.49	12.55
31	60 - 30	.1813	14	0.61	3.88	348.0	1.64	24.93
32	30 - 0	.0596	13	0.67	13.66	467.0	1.03	16.08

TABLE 11 (CONTD)

ST. LOUIS

MODE NUMBER		HC	CO	CO2	NOX	FUEL ECON.
	TOTAL BAG RESULTS	0.65	11.70	538.5	4.10	15.88
	TOTAL CALCULATED RESULTS	0.62	12.26	551.0	4.24	15.51
33	IDLE	0.38	5.71	93.9	0.11	85.29
34	5 MPH STEADY STATE	7.44	75.98	1138.9	1.05	6.91
35	10 MPH STEADY STATE	3.46	30.20	676.7	0.57	12.07
36	15 MPH STEADY STATE	1.97	20.89	486.8	0.52	16.88
37	30 MPH STEADY STATE	0.35	3.00	383.8	1.15	22.76
38	45 MPH STEADY STATE	0.25	1.72	394.4	1.74	22.30
39	60 MPH STEADY STATE	0.19	2.69	441.6	3.68	19.88

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE)
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE)

TABLE 12

SUMMARY OF CLAYTON KEY MODE
AND REPLICATE EMISSION RESULTS ON
FORTY-FIVE 1975 MODEL-YEAR VEHICLES

CALIFORNIA

N	MODE	KM1 HC	KM1 CO	KM2 HC	KM2 CO
45	HI	16	0.10	18	0.11
	LO	17	0.11	18	0.12
	IDLE	18	0.19	20	0.20

***** HC = PPM HEXANE; CO = % *****

TABLE 12

SUMMARY OF CLAYTON KEY MODE
AND REPLICATE EMISSION RESULTS ON
FORTY-FIVE 1975 MODEL-YEAR VEHICLES

ST. LOUIS

N	MODE	KM1 HC	KM1 CO	KM2 HC	KM2 CO
45	HI	59	0.14	58	0.22
	LO	60	0.09	59	0.09
	IDLE	151	1.15	140	1.26

***** HC = PPM HEXANE; CO = % *****

LOW SPEED DRIVING CYCLE

This cycle is similar to the 1975 FTP, in that it consists of a cold transient, cold stabilized, and hot transient portions. The hot transient portion follows a 10-minute soak. Total driving time, exclusive of the soak, is 1,962 seconds. Driving techniques and tolerances are identical to those of the FTP.

Sampling techniques are also identical to those of the FTP, although gathering of emissions from the cold transient portion requires two sample bags; one sample bag for the first 240 seconds of the sequence and another for the remaining 412 seconds of this portion. Exhaust emissions from each of the other portions are gathered in individual sample bags.

Calculations of results are done in accordance with those prescribed for the FTP. The mileages and times for use in the calculations are listed below:

Phase	Bag	Time (Secs.)	Distance (mi.)	Average Speed (mph)
Cold Transient	1	240	.82	12.28
Cold Transient (Cont.)	2	412	.91	7.97
Cold Stabilized	3	658	2.56	14.01
Hot Transient	4	652	1.73	9.56

TABLE 13

LOW SPEED CYCLE EMISSION TEST RESULTS VS MODEL YEAR

CALIFORNIA

	N	HC	CO	CO2	NOXC	FUEL ECON
1972	25.	5.05	66.74	729.6	3.93	10.44
1975	35.	0.93	7.44	863.0	2.28	10.11
TOTAL	60.	2.65	32.14	807.5	2.97	10.24

TABLE 13

LOW SPEED CYCLE EMISSION TEST RESULTS VS MODEL YEAR

ST. LOUIS

	N	HC	CO	CO2	NOXC	FUEL ECON
1972	25.	5.60	85.32	697.6	3.21	10.45
1975	35.	2.21	34.40	767.2	2.12	10.72
TOTAL	60.	3.62	55.62	738.2	2.58	10.60

HIGH SPEED DRIVING CYCLE

This cycle is similar to the 1975 FTP, in that it consists of a cold transient, cold stabilized, and hot transient portions. The hot transient portion follows a 10-minute soak. Total driving time, exclusive of the soak is 1,918 seconds. Driving techniques and tolerances are identical to those of the FTP. Sampling techniques are also identical to those of the FTP; exhaust emissions and background air from each of the portions are gathered in individual sample bags.

Calculations of results are done in accordance with those prescribed for the FTP. The mileages and times for use in the calculations are listed below:

Phase	Bag	Time (secs.)	Distance (mi.)	Average Speed (mph)
Cold Transient	1	520	3.835	26.550
Cold Stabilized	2	878	9.773	40.072
Hot Transient	3	520	3.835	26.550

TABLE 14

HIGH SPEED CYCLE EMISSION TEST RESULTS VS MODEL YEAR

CALIFORNIA

	N	HC	CO	CO2	NOXC	FUEL ECON
1972	25.	2.07	23.29	438.5	5.56	16.43
1975	35.	0.33	3.48	531.6	2.70	16.49
TOTAL	60.	1.06	11.74	492.8	3.89	17.25

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TABLE 14

HIGH SPEED CYCLE EMISSION TEST RESULTS VS MODEL YEAR

ST. LOUIS

	N	HC	CO	CO2	NOXC	FUEL ECON
1972	25.	2.49	28.78	428.9	4.62	18.41
1975	35.	0.73	9.86	472.1	2.67	18.12
TOTAL	60.	1.46	17.74	454.1	3.48	18.24

TABLE 15

SUMMARY OF LIGHT HYDROCARBONS AND
ALIPHATIC ALDEHYDE MEASUREMENT

CALIFORNIA

	N	METHANE	ETHANE	PROPANE	BENZENE	ACETYLENE	ALIPHATIC ALDEHYDES
1975	45	0.097	0.017	0.002	0.016	0.016	0.251

* * EMISSION VALUES IN GRAMS PER MILE. * *

* * LT. HYDROCARBONS AND ALDEHYDES WERE COLLECTED DURING THE 1975 FTP TEST CYCLE * *

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

Column Heading	Description
VEH:	Vehicle Number
RUN:	Run Number
DATE:	Date of Test (Month, Day, Year)
YR:	Model Year
MAKE:	Vehicle Make
MODL:	Vehicle Model
C:	Number of Cylinders
CID:	Engine Displacement in Cubic Inches
V:	Number of Carburetor Venturis (0: fuel injection)
T:	Type of Transmission (1: automatic 3: 3-speed manual, 4: 4-speed manual)
A:	Air Conditioning? (1: yes, 2: no)
FT:	Fuel Tank Capacity in Gallons
IRPM:	Idle RPM, Actual
IRPMS:	Idle RPM, Specs.
P:	PCV System Operational: (1: yes, 2: no)
DW:	Ignition Point Dwell in Degrees, Actual (99: electronic ignition)
DWS:	Ignition Point Dwell in Degrees, Specs. (99: electronic ignition)
IGN:	Ignition Timing in Degrees, Actual (+ or blank indicates before top dead center; - indicates after top dead center)
IGNS:	Ignition Timing in Degrees, Specs. (+ or blank indicates before top dead center; - indicates after top dead center)

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APPENDIX A (Continued)

LISTING OF VEHICLE AND TEST PARAMETERS

Column Heading	Description
INRT:	Dynamometer Inertia Weight Setting
RLHP:	Road Load Horsepower Setting
L:	Was 10% RLHP added to simulate air conditioner? (1: yes, 2: no)
DB:	Dry-Bulb Temperature (^{o}F.)
WB	Wet-Bult Temperature (^{o}F.)
BAROM:	Barometric Pressure (inches Hg)
TESTS:	Additional tests performed on this vehicle· 1. Highway Fuel Economy 2. Modal Emissions 3. Clayton Key Mode and Replicate 4. Low Speed Cycle 5. High Speed Cycle 6. Light HC and RCHO

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

CALIFORNIA

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	LW	DWS	IGN	IGNS	INRT	KLMP	L	DB	WB	BAROM	TESTS
001	0073	110675	75	CHEV	G10V	8	350	2	4	1	20	900	600	1	99	99	+06	+06	4000	12.0	2	75	69	29.96	1,2,3,6
002	0250	121575	75	CHEV	G10V	8	350	2	3	2	20	700	600	1	99	99	+05	+06	4000	12.0	2	74	57	30.05	1,2,3,6
003	0225	120975	75	CHEV	G10V	8	350	4	1	2	21	650	600	1	99	99	+06	+06	4000	12.0	2	74	69	29.84	1,2,3,6
004	0134	112475	75	CHEV	G10V	8	350	4	1	1	22	625	600	1	99	99	+06	+06	4000	13.2	1	84	68	30.05	1,2,3,6
005	0028	102475	75	DODG	TRAD	8	318	2	1	2	18	750	750	1	99	99	000	000	3500	11.2	2	80	67	29.95	1,2,3,6
006	0379	021276	75	FORD	F100	6	300	1	4	2	19	720	700	1	99	99	+10	+12	3500	11.2	2	75	61	30.01	1,2,3,6
007	0377	021076	75	FORD	F100	8	302	2	1	1	19	625	550	1	99	99	+12	+12	4000	12.0	2	74	60	30.06	1,2,3,6
008	0325	011476	75	FORD	ECON	8	351	2	1	2	22	775	600	1	99	99	+14	+14	4000	12.0	2	71	60	30.12	1,2,3,6
009	0371	020476	75	FORD	F100	8	351	2	1	2	22	635	600	1	99	99	+14	+14	4000	13.2	1	75	63	29.81	1,2,3,6
010	0304	010875	75	GMC	SIER	8	350	4	1	1	20	430	600	1	99	99	+06	+06	4000	12.0	2	76	65	30.06	1,2,3,6
011	0109	111775	75	AMC	PACE	6	258	1	1	2	22	530	700	1	99	99	+03	+03	3500	11.2	2	70	64	29.77	1,2,3,4,5,6
012	0007	112675	75	BUIC	CNTY	8	350	4	1	1	26	625	600	1	99	99	+12	+12	4000	13.2	1	79	73	29.76	1,2,3,4,5,6
013	0307	010776	75	BUIC	ESTA	8	455	4	1	1	22	640	600	1	99	99	+12	+12	5500	15.3	1	77	64	30.18	1,2,3,4,5,6
014	0019	102175	75	BUIC	REGA	8	350	4	1	1	26	525	600	1	99	99	+12	+12	4000	13.2	1	72	67	29.98	1,2,3,4,5,6
015	0162	120175	75	CADI	DEVI	8	500	4	1	1	28	600	600	1	99	99	+06	+06	5500	15.3	1	80	70	30.10	1,2,3,4,5,6
016	0116	111875	75	CHEV	MONZ	4	140	1	1	2	19	775	750	1	99	99	+13	+12	3000	10.3	2	70	67	29.86	1,2,3,4,5,6
017	0131	112175	75	CHEV	CAMA	6	250	1	1	2	21	700	600	1	99	99	+12	+10	3500	11.2	2	76	66	29.96	1,2,3,4,5,6
018	0064	110575	75	CHEV	MONT	8	350	2	1	1	22	650	600	1	99	99	+06	+06	4500	14.0	1	76	70	29.94	1,2,3,4,5,6
019	0259	121775	75	CHEV	CAMA	8	350	2	1	1	22	700	600	1	99	99	+06	+06	4000	12.0	2	76	62	30.03	1,2,3,4,5,6
020	0170	120275	75	CHEV	MONT	8	350	4	1	1	22	650	600	1	99	99	+07	+06	4000	13.2	1	79	71	29.93	1,2,3,4,5,6
021	0326	011476	75	CHEV	IMPA	8	400	4	1	1	26	660	600	1	99	99	+07	+06	4500	14.0	1	81	65	29.99	1,2,3,4,5,6
022	0154	112675	75	CHRY	NEWP	8	400	4	1	1	27	660	700	1	99	99	+06	+10	5000	14.7	1	76	68	29.82	1,2,3,4,5,6
023	0243	122375	75	DODG	DART	8	318	2	1	1	16	750	750	1	99	99	000	000	3500	12.3	1	72	59	30.08	1,2,3,4,5,6
024	0358	012676	75	DODG	DART	6	225	1	1	1	16	835	750	1	99	99	000	000	3500	11.2	2	72	66	30.02	1,2,3,4,5,6
025	0117	111875	75	FORD	MUST	4	140	2	4	2	13	1175	750	1	99	99	+14	+06	3000	10.3	2	77	69	29.92	1,2,3,4,5,6
026	0130	112175	75	FORD	GRAN	8	302	2	1	1	19	660	700	1	99	99	+04	+04	3500	12.3	1	75	67	29.97	1,2,3,4,5,6
027	0076	110775	75	FORD	GRAN	6	250	1	1	2	19	675	600	1	99	99	+06	+06	3500	11.2	2	78	70	29.99	1,2,3,4,5,6
028	0094	111275	75	FORD	TORI	8	351	2	1	1	22	660	700	1	99	99	+10	+10	4500	14.0	1	85	77	29.97	1,2,3,4,5,6
029	0237	121175	75	FORD	LTD	8	460	4	1	1	24	725	650	1	99	99	+11	+14	4500	14.0	1	77	72	29.88	1,2,3,4,5,6
030	0257	121775	75	MERC	MARQ	8	400	2	1	1	24	700	650	1	99	99	+12	+14	5000	14.7	1	74	62	30.04	1,2,3,4,5,6
031	0329	011976	75	MERC	COUG	8	351	2	1	1	26	750	700	1	99	99	+04	+10	4500	14.0	1	76	64	29.86	1,2,3,4,5,6
032	0243	121275	75	OLDS	CUTL	8	350	4	1	1	22	530	600	1	99	99	+19	+20	4000	13.2	1	73	63	29.73	1,2,3,4,5,6
033	0142	112575	75	OLDS	CUTL	8	350	4	1	1	22	535	650	1	99	99	+20	+20	4000	13.2	1	81	73	29.85	1,2,3,4,5,6
034	0174	120375	75	OLDS	DELT	8	455	4	1	1	23	460	650	1	99	99	+16	+16	5500	15.3	1	70	65	29.91	1,2,3,4,5,6
035	0356	012776	75	PLYM	FURY	8	318	2	1	1	20	1400	750	1	99	99	+16	000	4000	13.2	1	73	67	30.15	1,2,3,4,5,6

APPENDIX A (CONTD)

CALIFORNIA

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	UW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
036	0265	121875	75	PLYM	DUST	6	225	1	4	2	16	900	800	1	99	99	000	000	3500	11.2	2	72	57	30.02	1,2,3,4,5,6
037	0330	011976	75	PONT	CATA	8	400	4	1	1	26	700	600	1	99	99	+12	+12	4500	14.0	1	80	62	29.80	1,2,3,4,5,6
038	0352	012376	75	PONT	VENT	8	350	4	1	1	21	625	600	1	99	99	+16	+14	3500	11.2	2	69	62	29.86	1,2,3,4,5,6
039	0368	020376	75	PONT	GRNV	8	455	4	1	1	26	625	675	1	99	99	+09	+10	5000	14.7	1	73	63	29.92	1,2,3,4,5,6
040	0358	012976	76	CAPR	II	4	140	2	4	2	12	1100	650	1	99	99	+10	+10	2750	09.9	2	77	71	30.04	1,2,3,4,5,6
041	0105	111475	75	DATS	B210	4	085	2	1	2	12	775	650	1	88	53	+08	+10	2250	08.8	2	78	69	30.00	1,2,3,4,5,6
042	0059	110375	75	HOND	CVLC	4	091	3	4	2	11	925	850	1	51	52	000	+02	2250	8.8	2	75	66	30.03	1,2,3,4,5,6
043	0217	120875	75	TOYO	CORO	4	133	2	5	1	16	870	850	1	54	52	+08	+06	3000	11.3	1	82	70	29.90	1,2,3,4,5,6
044	0001	100675	75	VOLK	SEDA	4	097	0	4	1	11	725	675	1	48	50	+11	+05	2500	09.4	2	70	67	29.82	1,2,3,4,5,6
045	0072	110675	75	VOLK	RABB	4	090	2	1	1	12	850	950	1	48	48	+03	+03	2250	09.7	1	74	67	29.95	1,2,3,4,5,6
046	0385	031176	74	AMC	MATA	8	304	2	1	1	25	675	700	1	29	30	000	+02	4000	13.2	1	75	61	30.03	
047	0327	011676	74	BUIC	ESTA	8	455	4	1	1	22	465	600	1	30	30	+04	+04	5500	15.3	1	78	66	30.06	
048	0301	123175	74	BUIC	CENT	8	350	2	1	1	22	730	650	1	30	30	+04	+04	4000	12.0	2	76	56	29.74	
049	0112	111875	74	CHEV	VEGA	4	140	1	1	2	16	750	750	1	31	32	+14	+12	2750	09.9	2	71	65	29.84	
050	0197	120575	74	CHEV	MONT	8	350	4	1	1	26	630	600	1	30	30	+08	+06	4000	13.2	1	74	66	30.09	
051	0376	021076	74	CHEV	CAMA	8	350	2	1	2	21	650	600	1	30	30	+06	+08	3500	11.2	2	72	59	30.03	
052	0354	012676	74	CHEV	MALI	8	350	2	1	1	22	690	600	1	30	30	+09	+08	4000	13.2	1	76	70	30.21	
053	0046	103075	74	CHEV	MONT	8	350	2	1	1	22	700	600	1	26	30	+06	+10	4500	14.0	1	76	70	29.97	
054	0378	021176	74	CHEV	CAPR	8	400	4	1	1	26	640	600	1	30	30	+06	+06	4500	14.0	1	75	61	30.16	
055	0148	112675	74	DODG	CHAR	6	225	1	1	1	20	620	750	1	99	99	000	000	4000	13.2	2	69	64	29.91	
056	0166	120275	74	DODG	DART	6	225	1	1	2	16	650	750	1	99	99	+02	000	3500	11.2	2	75	71	30.04	
057	0071	110675	74	FORD	PINT	4	140	2	4	2	12	1200	850	1	31	37	+03	+06	2750	09.9	2	70	71	30.01	
058	0239	121175	74	FORD	MAVE	8	302	2	1	1	15	625	650	1	99	99	+06	+06	3000	11.3	1	82	67	29.86	
059	0360	012876	74	FORD	MAVE	6	250	1	1	2	15	715	600	1	99	99	+06	+06	3000	10.3	2	71	62	30.06	
060	0303	010575	74	FORD	LTD	8	400	2	1	1	22	675	625	1	99	99	+12	+12	4500	14.0	1	76	61	30.03	
061	0284	121975	74	FORD	LTD	8	400	2	1	1	22	525	625	1	99	99	+12	+12	4500	14.0	1	75	61	30.12	
062	0264	121875	74	LINC	MARK	8	460	4	1	1	27	700	650	1	99	99	+12	+12	5500	15.3	1	70	56	30.03	
063	0136	112475	74	MERC	MONT	8	460	4	1	1	22	650	650	1	99	99	+12	+14	5000	14.7	1	73	63	30.00	
064	0221	120875	74	OLDS	CUTL	8	350	4	1	1	22	525	650	1	32	30	+11	+12	4000	13.2	1	74	66	29.88	
065	0346	012276	74	OLDS	98	8	455	4	1	1	26	550	650	1	35	30	+07	+08	5000	14.7	1	76	67	29.99	
066	0351	012376	74	OLDS	98	8	455	4	1	1	26	650	650	1	30	30	+06	+08	5000	14.7	1	70	62	29.93	
067	0324	011376	74	PLYM	SATE	6	318	2	1	1	20	900	750	1	99	99	-03	000	4000	13.2	1	74	61	29.91	
068	0347	012276	74	PLYM	DUST	6	225	1	1	1	16	860	750	1	99	99	+05	000	3500	11.2	2	76	67	29.97	
069	0216	120875	74	PONT	CATA	8	400	2	1	1	26	575	625	1	31	30	+15	+10	4500	14.0	1	76	67	29.97	
070	0350	012376	74	PONT	LEMA	8	350	2	1	1	22	650	625	1	28	30	+16	+10	4000	13.2	1	76	66	29.94	
071	0231	121075	74	DATS	620	4	105	2	5	2	12	800	800	1	44	52	+11	+12	2500	9.4	2	76	65	29.81	
072	0102	111375	74	MAZD	RX3	2	070	4	1	1	10	640	750	1	57	56	+05	+05	2750	09.9	2	72	67	29.97	
073	0149	112675	74	TOYO	CORO	4	097	2	4	1	12	675	650	1	46	52	+10	+09	2250	08.8	2	69	64	29.84	
074	0186	110475	74	VOLK	SEDA	4	097	1	4	2	11	975	675	1	59	48	-02	-05	2250	09.7	1	70	64	30.00	
075	0275	121975	74	VOLK	THIN	4	097	1	5	2	11	1025	925	1	48	48	000	-05	2250	08.8	2	74	60	30.04	

APPENDIX A (CONTD)

CALIFORNIA

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
101	0373	020676	73	AMC	HORN	6	256	1	1	1	16	600	600	1	30	32	+06	+03	3000	10.3	2	72	58	29.90	
102	0182	120475	73	BUIC	REGA	8	455	4	1	1	22	660	650	1	36	30	+04	+04	4000	13.2	1	76	70	30.01	
103	0316	010975	73	CADI	DEVI	8	472	4	1	1	28	690	600	1	31	30	+13	+08	5000	14.7	1	72	65	29.90	
104	0132	112175	73	CHEV	VEGA	4	140	1	1	1	11	740	750	1	30	32	+11	+12	2500	09.4	2	63	73	30.05	
105	0252	121575	73	CHEV	MONT	8	350	2	1	1	22	575	600	1	30	30	+05	+06	4000	13.2	1	74	58	30.05	
106	0290	122275	73	CHEV	NOVA	8	307	2	1	1	21	680	600	1	27	30	+09	+08	3500	11.2	2	73	62	30.05	
107	0099	111375	73	CHEV	IMPA	8	350	2	1	1	26	660	600	1	30	30	+15	+12	4500	14.0	1	82	72	29.93	
108	0223	121075	73	CHEV	CAPR	8	350	2	1	1	22	600	600	1	30	30	+09	+08	5000	14.7	1	80	65	29.84	
109	0088	111175	73	CHEV	CAPR	8	400	2	1	1	18	700	600	1	30	30	+09	+08	4500	14.0	1	76	66	30.01	
110	0297	122975	73	DODG	DART	6	225	1	1	1	16	730	750	1	99	99	000	000	3000	11.3	1	76	60	30.14	
111	0020	102275	73	FORD	PINT	4	122	2	1	2	12	600	650	1	43	34	+06	+06	2500	09.4	2	64	65	29.88	
112	0209	120975	73	FORD	TORI	8	351	2	1	1	23	600	600	1	36	28	+06	+10	4000	13.2	1	75	68	30.06	
113	0120	111975	73	FORD	MAVI	8	302	2	1	1	15	500	650	1	31	27	+06	+06	3000	10.3	2	78	66	30.16	
114	0137	112475	73	FORD	LTD	8	400	2	1	1	22	525	625	1	35	34	000	+03	4500	14.0	1	79	67	29.94	
115	0278	121975	73	FORD	COUN	8	429	2	1	1	21	600	650	1	27	26	+14	+14	5000	14.7	1	73	62	30.08	
116	0251	121575	73	MERC	COLO	8	400	2	1	1	21	575	625	1	28	28	+06	+06	5000	14.7	1	75	55	30.04	
117	0152	112675	73	OLDS	TORO	8	455	4	1	1	28	610	650	1	32	30	+08	+08	5000	14.7	1	76	69	29.90	
118	0146	112575	73	OLDS	VIST	8	350	4	1	1	22	650	650	1	31	30	+11	+11	4500	14.0	1	73	67	29.85	
119	0359	012876	73	PLYM	BARR	8	318	2	1	1	17	725	700	1	99	99	+12	000	3500	12.3	1	75	65	30.02	
120	0317	010976	73	PLYM	DUST	6	225	1	1	2	16	775	750	1	99	99	+03	000	3000	10.3	2	75	67	29.91	
121	0247	121275	73	PONT	GRAN	8	400	2	1	1	25	750	650	1	33	30	+25	+12	4500	14.0	1	77	66	29.74	
122	0276	121975	73	PONT	LEMA	8	400	4	1	1	22	670	650	1	27	30	+11	+12	4500	14.0	1	73	59	30.10	
123	0340	012276	73	DATS	1600	4	097	2	4	1	12	900	800	1	50	53	+10	+06	2500	10.3	1	74	65	30.00	
124	0374	020976	73	OPEL	MANT	4	116	2	4	2	10	700	875	1	70	50	+02	000	2500	09.4	2	74	61	29.76	
125	0323	011276	73	TOYO	CORO	4	097	2	1	2	12	560	650	1	50	41	+07	+05	2250	08.6	2	73	60	29.91	
126	0369	020376	73	VOLK	412	4	103	1	1	2	12	875	950	1	49	47	+37	+27	4000	12.0	2	71	63	29.86	
127	0262	121875	73	VOLK	SEDA	4	097	1	5	2	11	1075	950	1	43	47	+19	-05	2000	08.3	2	72	58	30.05	
076	0179	112175	72	AMC	GREM	6	232	1	1	2	21	575	600	1	35	32	+17	+05	2750	09.9	2	74	64	30.14	4,5
077	0163	120175	72	BUIC	SKYL	8	350	2	1	1	20	575	650	1	34	30	000	+04	3500	12.3	1	76	73	30.08	4,5
078	0190	120475	72	CADI	DEVI	8	472	4	1	1	28	800	600	1	31	30	+12	+08	5000	14.7	1	79	71	30.03	4,5
079	0261	121775	72	CHEV	VEGA	4	140	2	1	2	11	550	700	1	23	32	+10	+06	2500	09.4	2	73	61	30.04	4,5
080	0005	101175	72	CHEV	CHEL	8	350	2	1	1	24	630	600	1	27	30	+09	+06	3500	12.3	1	76	72	29.86	4,5
081	0305	010676	72	CHEV	MONT	8	350	2	1	1	20	560	600	1	29	30	+08	+08	4000	12.0	2	76	64	30.03	4,5
082	0308	010876	72	CHEV	NOVA	6	250	1	1	1	16	650	600	1	30	33	+07	+04	3500	11.2	2	72	62	30.10	4,5
083	0260	121975	72	CHEV	IMPA	8	350	2	1	1	24	640	600	1	22	30	+15	+06	4500	14.0	1	80	61	30.05	4,5
084	0271	121375	72	CHEV	KING	8	400	2	1	1	23	525	600	1	30	30	+05	+06	5000	14.7	1	79	60	30.04	4,5
085	0145	120575	72	DODG	CORO	8	318	2	1	1	21	850	700	1	99	99	000	000	4000	13.2	1	78	70	30.04	4,5
086	0194	120575	72	FORD	PINT	4	122	2	4	1	11	900	750	1	55	38	+06	+04	2500	09.4	2	77	70	30.04	4,5
087	0298	122975	72	FORD	TORI	8	302	2	1	1	18	600	600	1	38	28	+06	+06	4000	13.2	1	75	59	30.13	4,5
088	0335	012076	72	FORD	MUST	6	250	1	1	1	16	615	600	1	44	37	+04	+06	3000	11.3	1	80	66	29.96	4,5

APPENDIX A (CONTD)

CALIFORNIA

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	OB	WB	BAROM	TESTS
089	0304	010676	72	FORD	TORI	8	351	2	1	1	20	530	625	1	99	99	000	+06	4000	13.2	1	77	63	30.04	4,5
090	0087	110675	72	FORD	LTD	8	400	2	1	1	22	580	625	1	30	28	+06	+06	5000	14.7	1	77	71	30.02	4,5
091	0240	121175	72	MERC	MONT	8	351	2	1	1	18	700	625	1	29	28	+06	+06	4000	13.2	1	79	65	29.87	4,5
092	0222	120975	72	OLDS	DELT	8	350	4	1	1	25	675	600	1	31	30	+18	+12	4500	14.0	1	73	65	29.90	4,5
093	0180	120475	72	PLYM	DUST	6	225	1	1	1	16	720	700	1	39	43	+03	+03	3000	11.3	1	73	67	30.02	4,5
094	0272	121975	72	PLYM	SATE	8	400	2	1	1	21	700	700	1	99	99	+04	+05	3500	12.3	1	74	60	30.05	4,5
095	0147	112575	72	PONT	BONN	8	455	2	1	1	25	550	625	1	99	99	+07	+10	4500	14.0	1	74	67	29.88	4,5
096	0334	012076	72	PONT	CATA	8	400	2	1	1	23	660	625	1	25	30	+12	+10	5000	13.4	2	80	67	29.95	4,5
097	0361	030376	72	DATS	510	4	071	2	4	2	12	675	700	1	52	52	+07	+07	2250	8.8	2	72	58	29.74	4,5
098	0106	111475	72	TOYO	CORO	4	120	2	1	1	13	725	650	1	54	52	+15	+07	2500	09.4	2	71	66	29.98	4,5
099	0187	120475	72	VOLK	SEDA	4	097	1	5	2	11	1000	900	1	33	47	+07	-05	2000	08.3	2	72	66	29.96	4,5
100	0245	121275	72	VOLK	SQUA	4	103	0	5	2	11	975	900	1	44	48	-05	-05	2500	09.4	2	77	65	29.72	4,5

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
001	4849	012176	75	CHEV	C10	8	350	2	1	1	20	600	600	1	99	99	+07	+06	4000	12.0	2	75	57	29.71	1,2,3
002	4724	120575	75	CHEV	C10	8	350	2	1	2	20	700	600	1	99	99	+07	+06	4000	12.0	2	77	62	29.46	1,2,3
003	4692	112675	75	CHEV	C10	8	350	4	1	1	20	675	600	1	99	99	+10	+06	4000	12.0	2	77	58	29.59	1,2,3
004	4841	010976	75	GMC	1500	8	350	4	1	1	21	475	600	1	99	99	+06	+06	4000	13.2	1	79	60	29.80	1,2,3
005	4417	100175	75	DODG	B100	8	318	2	1	1	23	750	750	1	99	99	+03	+02	3500	11.2	2	76	60	29.63	1,2,3
006	4706	120375	75	FORD	F100	8	390	2	1	1	19	900	650	1	99	99	+08	+06	4000	12.0	2	79	60	29.66	1,2,3
007	4683	112575	75	FORD	F100	8	302	2	1	1	19	725	650	1	99	99	000	+12	4000	12.0	2	76	57	29.50	1,2,3
008	4714	120475	75	FORD	F100	8	360	2	1	1	19	445	650	1	99	99	+05	+03	4000	12.0	2	76	59	29.51	1,2,3
009	4732	120675	75	FORD	F100	8	360	2	1	2	19	450	650	1	99	99	+08	+03	4000	13.2	1	76	61	29.64	1,2,3
010	4773	121275	75	GMC	C15	8	350	4	1	1	22	675	600	1	99	99	+07	+06	4000	12.0	2	76	62	29.50	1,2,3
011	4481	101075	75	AMC	GREM	6	258	1	1	1	21	775	550	1	99	99	+10	+03	3000	10.3	2	75	58	29.50	1,2,3,4,5
012	4494	101575	75	BUIC	REGA	8	350	2	1	1	22	650	600	1	99	99	+11	+12	4000	13.2	1	74	64	29.39	1,2,3,4,5
013	4656	111975	75	BUIC	ELEC	8	455	4	1	1	26	680	600	1	99	99	+11	+12	5000	14.7	1	79	63	29.47	1,2,3,4,5
014	4687	112575	75	BUIC	LESA	8	350	4	1	1	26	550	600	1	99	99	+11	+12	4500	14.0	1	76	59	29.62	1,2,3,4,5
015	4635	111775	75	CADI	DEVI	8	500	4	1	1	28	675	600	1	99	99	+06	+06	5500	15.3	1	79	63	29.58	1,2,3,4,5
016	4609	111275	75	CHEV	MONZ	4	140	1	3	2	16	1500	1200	1	99	99	+09	+08	3000	10.3	2	77	55	29.40	1,2,3,4,5
017	4545	110375	75	CHEV	CAMA	6	250	1	1	1	21	725	550	1	99	99	+16	+10	3500	11.2	2	75	65	29.46	1,2,3,4,5
018	4676	112275	75	CHEV	MALI	8	350	2	1	1	22	775	600	1	99	99	+11	+06	4000	13.2	1	75	56	29.81	1,2,3,4,5
019	4736	120675	75	CHEV	MALI	8	350	2	1	1	22	475	600	1	99	99	+06	+06	4000	12.0	2	77	59	29.83	1,2,3,4,5
020	4753	121075	75	CHEV	CHEL	8	350	2	1	1	22	710	600	1	99	99	+07	+06	4000	13.2	1	75	60	29.37	1,2,3,4,5
021	4750	121075	75	CHEV	STAW	8	400	4	1	1	26	460	600	1	99	99	+03	+08	5500	15.3	1	76	60	29.45	1,2,3,4,5
022	4836	010676	75	CHRY	CORD	8	400	2	1	1	26	700	700	1	99	99	+10	+10	4500	14.0	1	77	60	29.49	1,2,3,4,5
023	4699	120275	75	DODG	CORO	8	318	2	1	2	20	575	750	1	99	99	+01	+02	4000	13.2	1	78	56	29.43	1,2,3,4,5
024	4522	102975	75	DODG	DART	6	225	1	1	2	16	675	750	1	99	99	+04	000	3500	11.2	2	76	61	29.81	1,2,3,4,5
025	4745	120975	75	FORD	MUST	4	140	2	4	2	13	900	850	1	99	99	+15	+12	3000	10.3	2	76	59	29.45	1,2,3,4,5
026	4567	110575	75	FORD	MUST	8	302	2	1	1	13	700	700	1	99	99	+07	+06	3000	11.3	1	77	65	29.58	1,2,3,4,5
027	4544	110375	75	FORD	GRAN	6	250	1	1	1	19	710	600	1	99	99	+06	+06	3500	11.2	2	78	66	29.53	1,2,3,4,5
028	4741	120975	75	FORD	CUST	8	351	2	1	1	24	370	650	1	99	99	+05	+08	4500	14.0	1	76	60	29.43	1,2,3,4,5
029	4586	110775	75	FORD	LTD	8	400	2	1	1	24	775	700	1	99	99	+06	+06	4500	14.0	1	75	65	29.11	1,2,3,4,5
030	4809	121875	75	MERC	MARQ	8	400	2	1	1	24	475	700	1	99	99	+10	+06	5000	14.7	1	74	55	29.95	1,2,3,4,5
031	4275	090575	75	MERC	MONT	8	351	2	1	1	27	750	650	1	99	99	+06	+06	4500	14.0	1	74	66	29.44	1,2,3,4,5
032	4528	103075	75	OLDS	DELT	8	350	4	1	1	26	730	650	1	99	99	+17	+20	5000	14.7	1	76	59	29.88	1,2,3,4,5
033	4727	120575	75	OLDS	DELT	8	350	4	1	1	26	650	650	1	99	99	+17	+20	4500	14.0	1	73	63	29.40	1,2,3,4,5
034	4738	120875	75	OLDS	STAW	8	455	4	1	1	22	580	650	1	99	99	+18	+16	5500	15.8	1	76	59	29.45	1,2,3,4,5
035	4218	082775	75	PLYM	FURY	8	318	2	1	1	25	800	750	1	99	99	+04	+02	4000	13.2	1	74	66	29.70	1,2,3,4,5

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
036	4621	111375	75	PLYM	DUST	6	225	1	3	1	16	1100	600	1	99	99	+09	000	3500	11.2	2	80	58	29.64	1,2,3,4,5
037	4499	101675	75	PONT	CATA	8	400	2	1	1	25	790	650	1	99	99	+15	+16	4500	14.0	1	74	59	29.55	1,2,3,4,5
038	4788	121575	75	PONT	VENT	8	350	2	1	1	21	700	600	1	99	99	+11	+12	4000	12.0	2	74	57	29.59	1,2,3,4,5
039	4758	121175	75	PONT	BONN	8	400	2	1	1	25	500	650	1	99	99	+15	+16	5000	14.7	1	76	62	29.32	1,2,3,4,5
040	4826	122075	76	MERC	CAPR	4	140	2	4	1	12	1000	950	1	99	99	+12	+10	2750	09.9	2	76	59	29.61	1,2,3,4,5
041	4575	110675	75	DATS	B210	4	085	2	1	2	12	800	650	1	99	99	+10	+10	2250	8.8	2	78	67	29.53	1,2,3,4,5
042	4675	112175	75	HOND	STAN	4	091	3	4	2	11	1150	850	1	54	52	000	000	2000	08.3	2	75	59	29.43	1,2,3,4,5
043	4700	120275	75	TOYO	CELI	4	133	2	5	2	13	900	850	1	99	99	+06	+08	2750	10.9	1	77	57	29.53	1,2,3,4,5
044	4709	120375	75	VOLK	SEDA	4	097	0	4	1	11	1050	850	1	49	49	+07	-05	2250	08.8	2	77	59	29.63	1,2,3,4,5
045	4769	121275	75	VOLK	RABB	4	090	2	1	2	11	1250	925	1	47	47	+10	-03	2000	09.1	1	78	63	29.45	1,2,3,4,5
231	4603	111175	75	AMC	GREM	6	232	1	3	2	21	775	600	1	99	99	+05	+05	3000	10.3	2	79	60	29.33	
232	4653	111975	75	AMC	MATA	8	304	2	1	1	25	475	700	1	99	99	+06	+05	4000	13.2	1	74	56	29.59	
233	4546	110375	75	AMC	MATA	8	360	2	1	1	25	475	700	1	99	99	+06	+05	4000	13.2	1	76	66	29.46	
234	4563	110575	75	BUIC	APOL	6	231	2	1	1	22	625	500	1	99	99	+15	+12	3500	11.2	2	77	65	29.62	
235	4817	121975	75	BUIC	CNTY	6	231	2	1	1	22	480	500	1	99	99	+14	+12	4000	13.2	1	77	57	29.75	
236	4246	081575	75	BUIC	CNTY	8	350	4	1	1	23	660	600	1	99	99	+11	+12	4500	14.0	1	74	64	29.38	
237	4613	111375	75	BUIC	REGA	8	350	2	1	1	26	680	600	1	99	99	+12	+12	4000	13.2	1	76	57	29.50	
238	4540	103175	75	BUIC	LESA	8	350	4	1	1	26	700	600	1	99	99	+19	+12	4500	14.0	1	77	60	29.43	
239	4805	121775	75	BUIC	ELEC	8	455	4	1	1	26	660	600	1	99	99	+07	+12	5000	14.7	1	73	56	29.91	
240	4513	102475	75	BUIC	ELEC	8	455	4	1	1	26	710	600	1	99	99	+11	+12	5000	14.7	1	74	61	29.43	
241	4840	010976	75	CADI	DEVI	8	500	4	1	1	28	650	600	1	99	99	+08	+06	5500	15.3	1	77	59	29.68	
242	4054	073175	75	CADI	ELDO	8	500	4	1	1	27	650	600	1	99	99	+07	+06	5500	15.3	1	76	67	29.52	
243	4503	102475	75	CADI	DEVI	8	500	4	1	1	27	700	600	1	99	99	+09	+06	5500	15.3	1	75	63	29.27	
244	4415	100175	75	CHEV	VEGA	4	140	2	3	2	16	950	700	1	99	99	+12	+10	2750	9.9	2	73	59	29.64	
245	4423	100275	75	CHEV	VEGA	4	140	1	1	2	16	875	750	1	99	99	+11	+10	2750	9.9	2	74	58	29.80	
246	4614	111375	75	CHEV	MONZ	8	262	2	1	1	19	575	600	1	99	99	+08	+08	3000	11.3	1	76	56	29.51	
247	4693	112675	75	CHEV	CAMA	6	250	1	3	2	21	825	850	1	99	99	+11	+10	3500	11.2	2	77	61	29.38	
248	4343	091875	75	CHEV	NOVA	8	262	2	1	1	21	650	600	1	99	99	+11	+08	3500	11.2	2	75	67	29.28	
249	4335	091775	75	CHEV	CAMA	8	350	2	1	1	21	770	600	1	99	99	+08	+06	4000	13.2	1	76	68	29.30	
250	4569	110675	75	CHEV	NOVA	8	350	2	1	1	21	625	600	1	99	99	+10	+08	3500	12.3	1	76	65	29.54	
251	4833	122275	75	CHEV	MALI	6	250	1	1	1	22	550	550	1	99	99	+10	+10	4000	12.0	2	76	60	29.62	
252	4612	111275	75	CHEV	MALI	8	350	2	1	1	22	600	600	1	99	99	+08	+06	4000	12.0	2	75	56	29.48	
253	4457	100875	75	CHEV	MONT	8	350	2	1	1	22	775	600	1	99	99	+06	+06	4000	12.0	2	74	66	29.41	
254	4561	110575	75	CHEV	CAMA	8	350	2	1	1	21	710	600	1	99	99	+21	+06	4000	13.2	1	76	65	29.61	
255	4595	111175	75	CHEV	MONT	8	350	2	1	1	22	675	600	1	99	99	+05	+06	4000	13.2	1	76	57	29.51	
256	4582	110775	75	CHEV	CAPR	8	400	4	1	1	26	675	600	1	99	99	+06	+06	4500	14.0	1	75	63	29.26	
257	4720	120475	75	CHEV	MONT	8	350	2	1	1	22	725	600	1	99	99	+05	+06	4000	13.2	1	74	60	29.45	
258	4514	102475	75	CHEV	IMPA	8	350	2	1	1	26	635	600	1	99	99	+09	+06	4500	14.0	1	72	56	29.48	
259	4571	110675	75	CHEV	CAMA	8	350	2	1	1	16	745	600	1	99	99	+33	+06	4000	13.2	1	76	65	29.51	
260	4648	111975	75	CHEV	CAPR	8	350	2	1	1	26	600	600	1	99	99	+07	+06	4500	14.0	1	75	56	29.63	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
261	4701	120275	75	CHEV	CAMA	8	350	4	1	1	21	675	600	1	99	99	+09	+06	4000	13.2	1	74	55	29.47	
262	4672	112175	75	CHEV	MONT	8	350	2	1	1	22	625	600	1	99	99	+10	+06	4000	13.2	1	76	58	29.20	
263	4581	110775	75	CHEV	STAW	8	400	4	1	1	22	625	600	1	99	99	+07	+06	5000	13.4	2	76	64	29.26	
264	4130	081375	75	CHEV	KING	8	400	4	1	1	26	720	600	1	99	99	+09	+08	5500	15.3	1	76	67	29.45	
265	4668	112175	75	CHEV	CAPR	8	454	4	1	1	26	790	600	1	99	99	+15	+16	4500	14.0	1	76	57	29.10	
266	4831	122275	75	CHEV	CHEL	8	350	2	1	2	22	550	600	1	99	99	+08	+06	4000	13.2	1	79	61	29.61	
267	4651	111975	75	CHRY	CORD	8	360	4	1	1	21	600	850	1	99	99	+06	+02	4500	14.0	1	74	58	29.61	
268	4594	111075	75	CHRY	STAW	8	440	4	1	1	24	650	750	1	99	99	000	+08	5500	15.3	1	77	57	29.53	
269	4555	110475	75	DODG	DART	6	225	1	3	2	16	750	800	1	99	99	000	000	3500	11.2	2	76	66	29.57	
270	4640	111875	75	DODG	DART	8	318	2	1	1	16	725	750	1	99	99	+04	+02	3500	11.2	2	76	59	29.68	
271	4822	121975	75	DODG	CHAR	8	360	2	1	1	26	1300	750	1	99	99	+09	+06	4000	13.2	1	80	61	29.63	
272	4606	111275	75	DODG	CHAR	8	360	2	1	1	26	775	700	1	99	99	000	+06	4000	12.0	2	76	56	29.36	
273	4812	121875	75	DODG	CHAR	8	360	2	1	1	26	675	750	1	99	99	+06	+06	4000	13.2	1	79	58	29.96	
274	4704	120375	75	DODG	MONA	8	360	2	1	1	27	460	750	1	99	99	+07	+06	4500	14.0	1	77	59	29.61	
275	4340	091875	75	FORD	MUST	4	140	2	1	2	13	790	550	1	99	99	+10	+06	3000	10.3	2	75	67	29.26	
276	4537	103175	75	FORD	MUST	4	140	2	4	1	13	1800	850	1	99	99	+07	+06	3000	10.3	2	79	58	29.40	
277	4655	111975	75	FORD	MUST	6	171	2	4	1	13	750	850	1	99	99	+06	+06	3000	10.3	2	77	60	29.59	
278	4646	111875	75	FORD	PINT	4	140	2	4	1	14	1100	850	1	99	99	+20	+12	2750	9.9	2	81	60	29.67	
279	4465	100975	75	FORD	GRAN	6	250	1	1	1	19	625	600	1	99	99	+10	+06	3500	11.2	2	72	65	29.46	
280	4321	091675	75	FORD	GRAN	8	302	2	1	1	19	725	650	1	99	99	+05	+06	3500	12.3	1	75	65	29.55	
281	4351	091975	75	FORD	MAVE	8	302	2	1	1	16	425	550	1	99	99	+05	+06	3500	11.2	2	75	67	29.31	
282	4486	101475	75	FORD	ELIT	6	351	2	1	1	26	875	650	1	99	99	+08	+06	4500	14.0	1	75	63	29.41	
283	4492	101575	75	FORD	STAW	8	351	2	1	1	21	740	650	1	99	99	+08	+08	4500	14.0	1	74	65	29.38	
284	4716	120475	75	FORD	LTD	8	400	2	1	1	24	720	700	1	99	99	+06	+06	4500	14.0	1	78	62	29.52	
285	4623	111475	75	FORD	ELIT	8	351	2	1	1	27	625	500	1	99	99	+06	+06	4500	12.7	2	79	58	29.68	
286	4568	110575	75	FORD	GRAN	8	351	2	1	1	19	525	650	1	99	99	+07	+04	3500	12.3	1	75	66	29.54	
287	4448	100775	75	FORD	CUST	8	351	2	1	1	24	550	500	1	99	99	000	+08	4500	14.0	1	71	61	29.58	
288	4562	110575	75	FORD	TORI	8	351	2	1	1	27	650	650	1	99	99	+06	+06	4500	14.0	1	76	65	29.62	
289	4721	120575	75	FORD	LTD	8	400	2	1	1	24	470	700	1	99	99	+08	+08	4500	12.7	2	76	60	29.45	
290	4064	080475	75	FORD	LTD	8	400	2	1	1	24	550	700	1	33	35	+08	+06	4500	14.0	1	75	64	29.45	
291	4058	080175	75	FORD	STAW	8	400	2	1	1	21	500	500	1	35	35	+04	+12	5000	14.7	1	74	67	29.49	
292	4525	103075	75	FORD	LTD	8	400	2	1	1	24	525	700	1	99	99	+08	+06	4500	14.0	1	75	58	29.86	
293	4476	101075	75	FORD	THUN	8	460	4	1	1	26	500	650	1	99	99	+12	+14	5000	14.7	1	73	59	29.55	
294	4710	120375	75	LINC	CONT	8	460	4	1	1	24	725	650	1	99	99	+10	+14	5500	15.3	1	76	59	29.52	
295	4371	092375	75	MERC	MONA	8	302	2	1	1	19	750	650	1	99	99	+08	+06	3500	11.2	2	75	61	29.42	
296	4705	120375	75	MERC	MONA	8	302	2	1	1	19	460	650	1	99	99	-06	+06	3500	12.3	1	78	59	29.64	
297	4546	111175	75	MERC	STAW	8	351	2	1	1	27	590	650	1	99	99	+06	+08	5000	14.7	1	79	56	29.48	
298	4153	081875	75	MERC	MARQ	8	400	2	1	1	24	500	500	1	99	99	+06	+06	5000	14.7	1	77	66	29.44	
299	4565	110575	75	OLDS	STAR	6	231	2	1	2	18	990	800	1	99	99	+12	+12	3000	10.3	2	78	66	29.65	
300	4775	121275	75	OLDS	CUTL	8	260	2	1	1	22	475	550	1	99	99	+12	+18	4000	12.0	2	78	65	29.51	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLMP	L	DB	WB	BAROM	TESTS
301	4615	111375	75	OLDS	CUTL	8	350	4	1	1	22	500	550	1	99	99	+19	+20	4000	13.2	1	75	57	29.52	
302	4298	091075	75	OLDS	CUTL	8	350	4	1	1	22	870	550	1	99	99	+18	+20	4000	13.2	1	75	68	29.31	
303	4566	110575	75	OLDS	CUTL	8	350	4	1	1	22	630	650	1	99	99	+19	+20	4000	13.2	1	75	65	29.64	
304	4650	111975	75	OLDS	NNTY	8	455	4	1	1	26	625	650	1	99	99	+15	+16	5000	14.7	1	74	58	29.61	
305	4807	121875	75	OLDS	DELT	8	350	4	1	1	26	475	550	1	99	99	+21	+02	4500	14.0	1	74	56	29.93	
306	4485	101375	75	OLDS	NNTY	8	455	4	1	1	26	650	650	1	99	99	+22	+16	5000	14.7	1	75	62	29.44	
307	4257	090375	75	PLYM	VALI	6	225	1	1	1	16	775	750	1	99	99	000	000	3500	12.3	1	75	65	29.50	
308	4242	090275	75	PLYM	VALI	8	318	2	1	1	16	710	750	1	99	99	+09	+02	3500	11.2	2	80	70	29.42	
309	4624	111475	75	PLYM	STAW	8	318	2	1	1	21	650	750	1	99	99	+13	+02	4500	12.7	2	78	57	29.69	
310	4477	101075	75	PLYM	FURY	8	318	2	1	1	26	650	750	1	99	99	+03	+05	4000	12.0	2	73	59	29.57	
311	4819	121975	75	PLYM	STAW	8	318	2	1	1	21	700	750	1	99	99	+07	+02	4500	14.0	1	79	59	29.71	
312	4389	092575	75	PLYM	STAW	8	400	2	1	1	24	775	750	1	99	99	+17	+20	5000	14.7	1	75	59	29.61	
313	4533	103175	75	PLYM	STAW	8	360	2	1	1	21	750	750	1	99	99	+08	+06	4500	14.0	1	76	57	29.59	
314	4428	100275	75	PONT	ASTR	4	140	2	1	1	16	825	750	1	99	99	+13	+12	2750	9.9	2	74	58	29.84	
315	4036	072875	75	PONT	VENT	8	260	2	1	1	20	600	650	1	99	99	+18	+18	4000	12.0	2	75	66	29.36	
316	4597	111175	75	PONT	FIRE	8	350	2	1	1	20	740	600	1	99	99	+16	+16	4000	13.2	1	78	56	29.50	
317	4711	120475	75	PONT	FIRE	8	350	2	1	1	22	700	600	1	99	99	+18	+16	3500	12.3	1	73	58	29.51	
318	4798	121675	75	PONT	CATA	8	400	2	1	1	25	700	650	1	99	99	+21	+16	4500	14.0	1	75	59	29.60	
319	4488	101475	75	PONT	CATA	8	400	2	1	1	25	700	650	1	99	99	+41	+16	4500	14.0	1	73	62	29.42	
320	4549	110475	75	PONT	GRNP	8	400	4	1	1	25	575	650	1	99	99	+41	+16	4500	14.0	1	75	65	29.46	
321	4638	111875	75	PONT	BONN	8	400	2	1	1	26	750	650	1	99	99	+16	+16	5000	14.7	1	76	58	29.67	
322	4580	110775	75	AUDI	FOX	4	097	0	1	1	12	1200	925	1	53	50	-03	-03	2750	9.9	2	76	64	29.27	
323	4785	121575	76	MERC	CAPR	4	171	2	1	1	13	725	700	1	99	99	+04	+10	2750	09.9	2	75	58	29.59	
324	4810	121875	76	MERC	CAPR	4	171	2	4	2	12	1200	950	1	99	99	+06	+08	2750	09.9	2	80	59	30.01	
325	4536	103175	75	DODG	COLT	4	098	2	4	2	14	1500	950	1	54	50	-05	-05	2500	9.4	2	78	56	29.41	
326	4433	100375	75	DATS	710	4	119	2	4	2	12	850	750	1	56	55	+08	+12	2750	9.9	2	76	59	29.88	
327	4380	092475	75	DATS	B210	4	085	2	4	2	12	750	700	1	53	53	+10	+10	2500	9.4	2	77	60	29.60	
328	4708	120375	75	DATS	710	4	119	2	4	1	13	750	850	1	99	99	+14	+12	2750	9.9	2	75	57	29.70	
329	4794	121675	75	FIAT	131S	4	107	2	5	1	12	1200	850	1	57	55	000	000	2750	09.9	2	75	58	29.64	
330	4674	112175	75	FIAT	X119	4	079	2	4	2	13	725	800	1	59	55	-01	000	2500	09.4	2	75	57	29.35	
331	4601	111175	75	HOND	CVCC	4	091	3	5	2	11	1300	850	1	59	52	000	000	2000	08.3	2	79	59	29.46	
332	4846	012076	75	MAZD	STAW	2	070	4	4	1	14	950	800	1	62	58	+05	+08	2750	10.9	1	76	59	29.88	
333	4786	121575	75	MAZD	STAW	2	070	4	1	2	14	725	750	1	50	52	+01	000	2750	09.9	2	76	58	29.59	
334	4570	110675	75	MERC	BENZ	6	167	4	1	1	21	975	900	1	28	34	+14	+07	3500	12.3	1	75	65	29.53	
335	4127	081375	75	MG	MGB	4	110	2	4	2	12	975	850	1	54	51	+10	+13	3000	10.3	2	74	64	29.42	
336	4844	011976	75	OPEL	STAW	4	116	0	4	1	14	950	950	1	50	50	000	000	2500	10.3	1	77	61	29.62	
337	4811	121875	75	OPEL	1900	4	116	0	4	2	14	1250	1100	1	53	50	-04	-04	2500	09.4	2	79	59	30.01	
338	4055	073175	75	PORS	914	4	109	0	5	2	16	850	900	1	51	47	+08	+05	2750	9.9	2	77	67	29.48	
339	4723	120575	75	TOYO	CORO	4	097	2	1	1	13	1200	850	1	67	50	+10	+12	2500	09.4	2	76	62	29.45	
340	4602	111175	75	TOYO	CELI	4	133	2	5	1	13	800	850	1	59	50	+09	+06	3000	10.3	2	79	59	29.43	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
341	4471	100975	75	TOYO	CORO	4	097	2	4	2	13	1400	850	1	68	52	+10	+12	2500	9.4	2	75	64	29.52	
342	4715	120475	75	VOLK	SEDA	4	097	0	4	2	11	950	875	1	51	50	+06	-05	2250	08.8	2	76	61	29.54	
343	4425	100275	75	VOLK	RABB	4	090	2	4	2	12	1100	975	1	52	50	000	-03	2000	8.3	2	76	59	29.87	
344	4526	103075	75	VOLK	RABB	4	090	2	1	1	12	1000	925	1	51	50	000	-03	4000	12.0	2	75	58	29.87	
345	4564	110575	75	VOLV	244	4	121	0	1	1	15	1100	850	1	63	63	+16	+05	3000	10.3	2	77	65	29.64	
046	4496	101675	74	AMC	GREM	6	232	1	3	2	21	900	700	1	30	33	+07	+05	3000	10.3	2	73	56	29.52	
047	4040	072975	74	BUIC	ELEC	8	455	4	1	1	26	460	650	1	27	30	+02	+04	5000	14.7	1	74	67	29.37	
048	4278	090875	74	BUIC	REGA	8	350	2	1	1	22	750	650	1	32	30	+04	+04	4000	12.0	2	75	64	29.59	
049	4328	091775	74	CHEV	VEGA	4	140	1	1	1	16	575	750	1	30	32	+12	+12	2750	09.9	2	75	66	29.40	
050	4020	072275	74	CHEV	MALI	8	350	2	1	1	22	625	600	1	30	30	+07	+08	4000	13.2	1	76	64	29.43	
051	4013	072175	74	CHEV	NOVA	6	250	1	3	2	21	1025	850	1	33	33	+09	+08	3500	11.2	2	75	64	29.40	
052	4016	072175	74	CHEV	NOVA	8	350	2	1	1	21	810	600	1	29	30	+02	+08	3500	12.3	1	76	63	29.38	
053	4243	090275	74	CHEV	IMPA	8	350	4	1	1	26	725	600	1	33	30	+05	+08	4500	14.0	1	82	70	29.39	
054	4217	082775	74	CHEV	IMPA	8	400	4	1	1	26	600	600	1	30	30	+06	+08	5000	14.7	1	74	65	29.65	
055	4689	112675	74	DODG	CHAR	8	318	2	1	2	20	810	750	1	99	99	000	000	4000	13.2	1	76	60	29.65	
056	4319	091675	74	DODG	DART	6	225	1	1	1	16	650	750	1	99	99	000	000	3500	11.2	2	76	65	29.54	
057	4508	102475	74	FORD	MUST	4	122	2	4	2	11	750	750	1	46	41	+06	+06	3000	10.3	2	75	65	29.30	
058	4511	102475	74	FORD	TORI	8	302	2	1	1	27	775	650	1	31	30	+06	+10	4000	13.2	1	76	66	29.27	
059	4252	090375	74	FORD	MAVE	6	250	1	1	1	15	750	600	1	32	36	+04	+06	3000	10.3	2	75	64	29.48	
060	4193	082275	74	FORD	GALA	8	351	2	1	1	22	650	600	1	34	27	+15	+10	4500	14.0	1	75	66	29.54	
061	4100	080875	74	FORD	LTD	8	400	2	1	1	22	400	625	1	99	99	+13	+12	4500	14.0	1	72	63	29.58	
062	4289	090975	74	LINC	MRK4	8	460	4	1	1	26	550	650	1	99	99	+17	+14	5500	15.3	1	75	63	29.70	
063	4682	112575	74	MERC	MONG	8	351	2	1	1	27	460	650	1	34	30	+15	+14	4500	14.0	1	75	57	29.50	
064	4025	072375	74	OLDS	CUTL	8	350	4	1	1	22	575	650	1	32	30	+07	+12	4000	13.2	1	77	66	29.23	
065	4800	121775	74	OLDS	STAW	8	455	4	1	1	22	475	550	1	30	30	+17	+08	5500	15.3	1	73	57	29.14	
066	4080	080675	74	OLDS	REGE	8	455	4	1	1	26	475	650	1	32	32	+11	+08	5000	14.7	1	73	66	29.40	
067	4783	121375	74	PLYM	SCAM	8	318	2	1	1	16	680	750	1	99	99	+01	000	3500	12.3	1	77	65	29.50	
068	4739	120875	74	PLYM	VALI	6	225	1	1	1	16	680	750	1	99	99	+05	000	3000	10.3	2	76	60	29.43	
069	4042	072975	74	PONT	LATA	8	400	2	1	1	26	750	650	1	31	30	+12	+12	4500	14.0	1	75	67	29.38	
070	4018	072275	74	PONT	LEMA	8	350	2	1	1	22	775	600	1	28	30	+08	+08	4000	13.2	1	75	64	29.39	
071	4035	072575	74	DATS	610	4	124	2	4	1	15	800	750	1	62	50	+06	+12	2750	9.9	2	76	66	29.48	
072	4662	112075	74	MAZD	RX3	2	070	4	4	2	16	940	960	1	60	60	-08	-10	2750	09.9	2	76	59	29.00	
073	4626	111475	74	TOYO	CORO	4	097	2	1	1	12	1000	800	1	56	50	+03	+05	2250	8.8	2	80	59	29.69	
074	4416	100175	74	VOLK	SEDA	4	097	1	4	2	10	925	900	1	49	47	+07	+08	2250	9.7	1	75	59	29.63	
075	4302	091175	74	VOLK	SEDA	4	097	1	4	2	10	975	900	1	44	44	+05	+08	2250	8.8	2	75	68	29.26	
346	4456	100875	74	BUIC	ELEC	8	455	4	1	1	26	650	650	1	29	30	+02	+04	5000	14.7	1	74	66	29.41	
347	4507	102475	74	CADI	DEVI	8	472	4	1	1	27	550	600	1	99	99	+12	+10	5000	14.7	1	74	64	29.27	
348	4050	083175	74	CHEV	MONT	8	350	4	1	1	22	450	600	1	31	30	+07	+08	4000	12.0	2	76	70	29.46	
349	4168	082075	74	CHEV	MALI	8	350	2	1	1	22	725	500	1	30	30	+06	+08	4000	12.0	2	75	64	29.51	
350	4005	071475	74	CHEV	IMPA	8	350	2	1	1	25	750	600	1	24	29	+06	+08	4500	14.0	1	83	65	29.47	

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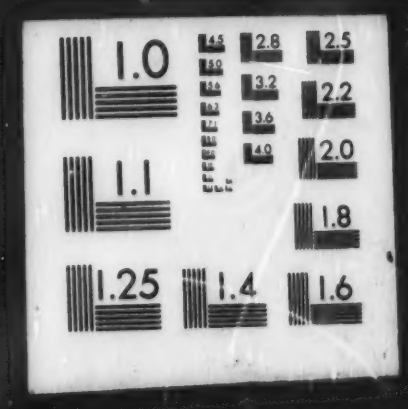
274564



APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
351	4027	072375	74	CHEV	CAPR	8	400	4	1	1	22	650	600	1	30	30	+06	+08	5500	15.3	1	76	65	29.28	
352	4518	102775	74	CHRY	NEWP	8	400	2	1	1	26	690	750	1	99	99	+13	+10	4500	14.0	1	78	58	29.42	
353	4754	121075	74	DODG	DART	6	225	1	1	1	16	475	750	1	99	99	000	000	3500	12.3	1	77	60	29.29	
354	4148	081575	74	FORD	ELIT	8	351	2	1	1	27	550	650	1	34	28	+18	+14	4000	12.0	2	76	66	29.38	
355	4030	072475	74	FORD	STAW	8	400	2	1	1	22	665	625	1	30	30	000	+12	5000	14.7	1	76	64	29.35	
356	4681	112575	74	FORD	LTD	8	400	2	1	1	24	675	625	1	99	99	+06	+12	4500	14.0	1	75	56	29.49	
357	4808	121875	74	MERC	MARQ	8	460	4	1	1	22	400	650	1	99	99	+05	+14	5000	14.7	1	75	56	29.93	
358	4021	072275	74	OLDS	CUTL	8	350	4	1	1	22	610	650	1	37	30	+05	+12	4500	14.0	1	75	63	29.40	
359	4765	121175	74	PLYM	SATE	8	318	2	1	1	20	575	750	1	99	99	-05	000	4000	13.2	1	79	65	29.37	
360	4076	080575	74	PONT	FIRE	8	350	2	1	1	22	620	650	1	31	30	+18	+12	4000	12.0	2	78	66	29.37	
361	4802	121775	74	PONT	FIRE	8	350	2	1	1	20	530	650	1	35	30	+10	+12	4000	13.2	1	71	55	29.71	
362	4038	072875	74	MERC	CAPR	4	122	2	1	2	12	875	650	1	42	50	+10	+12	2500	9.4	2	77	67	29.35	
363	4644	111875	74	DATS	B210	4	097	2	4	2	12	775	800	1	49	49	+04	+05	2250	8.8	2	79	60	29.75	
364	4070	080575	74	OPEL	MANT	4	116	2	1	2	11	750	850	1	52	50	000	000	2750	9.9	2	72	64	29.41	
365	4263	090875	74	TOYO	CORO	4	120	2	1	2	14	1200	800	1	48	50	+09	+07	2750	10.9	1	76	66	29.64	
101	4815	121875	73	AMC	STAW	6	232	1	3	1	20	525	700	1	36	34	+05	+05	3000	10.3	2	79	58	29.86	
102	4060	080175	73	BUIC	CNTR	8	455	4	1	1	26	550	650	1	30	30	+07	+04	4500	14.0	1	73	66	29.49	
103	4480	101075	73	CADI	DEVI	8	472	4	1	1	27	725	600	1	31	30	+10	+08	5500	15.3	1	72	59	29.57	
104	4806	121875	73	CHEV	VEGA	4	140	1	1	2	11	1200	500	1	37	34	+06	+12	2500	09.4	2	74	56	29.91	
105	4452	100775	73	CHEV	CHEL	8	350	2	1	1	22	700	600	1	26	30	+14	+08	4000	13.2	1	75	65	29.47	
106	4093	080775	73	CHEV	NOVA	8	350	2	1	1	21	525	600	1	30	30	+08	+08	3500	11.2	2	74	63	29.60	
107	4046	073075	73	CHEV	IMPA	8	350	2	1	1	26	630	600	1	28	30	+12	+08	4500	14.0	1	75	68	29.44	
108	4276	090575	73	CHEV	IMPA	8	350	2	1	1	26	615	600	1	30	30	+07	+08	5000	14.7	1	72	62	29.40	
109	4286	090975	73	CHEV	CAPR	8	400	2	1	1	26	475	600	1	25	30	+12	+08	4500	14.0	1	75	64	29.67	
110	4041	072975	73	DODG	DART	6	225	1	1	1	16	660	750	1	99	99	+03	000	3000	11.3	1	74	67	29.38	
111	4367	092375	73	FORD	PINT	4	122	2	1	1	12	710	650	1	43	39	+13	+09	2750	9.9	2	77	61	29.45	
112	4157	081975	73	FORD	TORI	8	351	2	1	1	23	450	700	1	34	30	-02	+10	4000	13.2	1	75	66	29.45	
113	4551	110475	73	FORD	MAVE	8	302	2	1	1	16	525	650	1	26	26	-05	+06	3500	11.2	2	75	65	29.51	
114	4155	081875	73	FORD	TORI	8	351	2	1	1	23	615	600	1	37	30	+07	+06	4000	13.2	1	78	66	29.41	
115	4003	071475	73	FORD	STAW	8	400	2	1	1	21	675	625	1	24	28	+03	+06	5000	14.7	1	80	65	29.47	
116	4515	102575	73	MERC	STAW	8	400	2	1	1	21	450	625	1	30	30	000	+12	5000	14.7	1	71	57	29.51	
117	4026	072375	73	OLDS	TORO	8	455	4	1	1	26	635	650	1	32	30	+07	+08	5000	14.7	1	77	65	29.30	
118	4145	081575	73	OLDS	CUTL	8	350	4	1	1	22	625	650	1	26	30	+07	+12	4000	13.2	1	74	64	29.36	
119	4123	081375	73	PLYM	SATL	8	318	2	1	1	19	690	700	1	99	99	000	000	4000	13.2	1	73	63	29.41	
120	4265	090475	73	PLYM	VALI	6	225	1	3	1	16	1075	750	1	99	99	+02	000	3500	11.2	2	73	62	29.58	
121	4777	121375	73	PONT	CATA	8	400	2	1	1	26	725	650	1	28	30	+16	+12	4500	14.0	1	77	64	29.52	
122	4073	080575	73	PONT	LEMA	8	350	2	1	1	22	680	650	1	28	30	+14	+12	4000	13.2	1	74	64	29.43	
123	4771	121275	73	DATS	510	4	097	2	4	2	10	950	800	1	62	55	+10	+08	2500	09.4	2	76	62	29.56	
124	4105	080875	73	OPEL	GT	4	116	2	4	2	14	1075	900	1	52	50	+05	000	2250	8.8	2	76	65	29.58	
125	4095	080775	73	TOYO	CORO	4	097	2	4	2	12	1175	750	1	55	52	+10	000	2250	09.4	2	75	63	29.56	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
126	4352	091975	73	VOLK	412	4	103	0	1	2	13	725	800	1	53	50	+20	+27	2750	9.9	2	73	65	29.31	
127	4104	080875	73	VOLK	SEDA	4	097	1	4	2	11	600	800	1	56	47	+08	-05	2250	08.8	2	75	65	29.60	
366	4053	073175	73	BUIC	REGA	8	350	2	1	1	22	800	650	1	30	30	+05	+04	4000	13.2	1	75	68	29.49	
367	4074	080575	73	BUIC	CNTY	8	350	2	1	1	22	665	650	1	33	30	+02	+04	4000	13.2	1	75	65	29.43	
368	4376	092475	73	BUIC	STAW	8	455	4	1	1	22	600	700	1	30	30	+08	+04	5500	15.3	1	74	60	29.53	
369	4296	091075	73	CHEV	VEGA	4	140	2	1	2	11	875	500	1	30	31	+16	+12	2500	9.4	2	75	67	29.40	
370	4412	100175	73	CHEV	NOVA	6	250	1	1	2	21	625	600	1	32	33	+10	+06	3500	11.2	2	73	62	29.55	
371	4348	091975	73	CHEV	ELCA	8	350	2	1	1	26	425	600	1	27	30	+17	+08	4000	13.2	1	76	67	29.25	
372	4430	100375	73	CHEV	CAPR	8	400	2	1	1	26	825	600	1	29	30	+08	+08	4500	14.0	1	74	58	29.84	
373	4649	111975	73	CHEV	STAW	8	454	4	1	1	26	775	600	1	31	30	+11	+10	5000	14.7	1	75	58	29.63	
374	4304	091175	73	CHRY	NEWP	8	400	2	1	1	23	675	700	1	99	99	+13	+10	4500	14.0	1	74	67	29.27	
375	4186	082175	73	DODG	CHAR	8	318	2	1	1	19	750	700	1	99	99	+06	000	4000	12.0	2	77	64	29.53	
376	4061	080675	73	DODG	POLA	8	360	2	1	1	20	620	750	1	99	99	+04	000	4500	14.0	1	74	66	29.41	
377	4462	100875	73	FORD	PINT	4	122	2	4	1	12	860	750	1	45	39	+03	+06	2750	9.9	2	74	66	29.43	
378	4628	111475	73	FORD	TORI	8	351	2	1	1	23	475	700	1	30	30	+08	+10	4000	13.2	1	77	57	29.70	
379	4044	072875	73	FORD	STAW	8	400	2	1	1	21	650	650	1	24	28	+02	+06	4500	14.0	1	76	67	29.42	
380	4338	091875	73	FORD	THUN	8	460	4	1	1	22	550	650	1	27	99	+12	+14	5000	14.7	1	74	66	29.27	
381	4762	121175	73	MERC	MONG	8	302	2	1	1	23	700	650	1	30	30	000	+06	4000	12.0	2	78	63	29.28	
382	4287	090975	73	OLDS	VIST	8	350	4	1	1	22	700	650	1	29	30	+03	+12	4500	14.0	1	75	63	29.69	
383	4261	090475	73	OLDS	NNTY	8	455	4	1	1	26	700	550	1	33	30	+08	+06	5000	14.7	1	72	64	29.51	
384	4497	101675	73	PLYM	SATE	8	318	2	1	1	20	635	700	1	99	99	+02	000	4000	13.2	1	72	57	29.51	
385	4361	092375	73	PONT	VENT	8	350	2	1	1	21	700	650	1	30	30	+08	+12	3500	11.2	2	72	58	29.48	
386	4510	102475	73	PONT	GRNV	8	455	4	1	1	25	500	650	1	30	30	+12	+12	5000	14.7	1	75	65	29.29	
387	4225	082875	73	FORD	CAPR	4	122	2	4	2	12	875	750	1	41	41	+06	+06	2500	09.4	2	75	66	29.61	
388	4237	082975	73	MAZD	RX3	2	070	4	4	2	14	850	900	1	54	58	000	000	2500	9.4	2	79	69	29.34	
076	4365	092575	72	AMC	GREM	6	258	1	1	2	21	750	550	1	35	32	000	+03	3000	10.3	2	75	58	29.59	4,5
077	4162	081975	72	BUIC	RIVI	8	455	4	1	1	24	675	500	1	33	30	+10	+04	4500	14.0	1	74	63	29.50	4,5
078	4256	090375	72	CADI	FLEE	8	472	4	1	1	27	600	600	1	31	30	+10	+08	5500	15.3	1	81	68	29.47	4,5
079	4795	121675	72	CHEV	VEGA	4	140	1	3	2	11	900	700	1	28	32	+10	+06	2500	09.4	2	76	59	29.63	4,5
080	4442	100675	72	CHEV	MONT	8	350	2	1	1	19	575	600	1	30	30	+07	+06	4000	13.2	1	74	62	29.55	4,5
081	4253	090375	72	CHEV	MALI	8	350	2	1	1	19	525	600	1	30	30	+06	+06	3500	11.2	2	76	64	29.48	4,5
082	4152	081875	72	CHEV	NOVA	8	307	2	1	1	16	775	600	1	28	30	+06	+06	3500	11.2	2	73	64	29.46	4,5
083	4216	082775	72	CHEV	IMPA	8	350	2	1	1	23	625	600	1	29	30	+11	+06	4500	14.0	1	75	66	29.64	4,5
084	4336	091875	72	CHEV	CAPR	8	400	2	1	1	23	400	600	1	30	30	+05	+06	4500	14.0	1	73	66	29.26	4,5
085	4208	082675	72	DODG	CORO	8	318	2	1	2	21	700	750	1	32	30	+14	000	4000	13.2	1	74	64	29.52	4,5
086	4119	081275	72	FORD	PINT	4	122	2	4	2	12	750	750	1	43	38	+04	+09	2750	9.9	2	80	66	29.43	4,5
087	4256	090475	72	FORD	TORI	8	351	2	1	1	21	625	575	1	27	26	+10	+06	4000	13.2	1	74	66	29.51	4,5
088	4818	121975	72	FORD	WAVE	6	200	1	1	2	15	725	550	1	40	29	+02	+06	2750	09.4	2	78	59	29.72	4,5
089	4132	081475	72	FORD	CUST	8	351	2	1	1	22	625	575	1	30	28	-02	+06	4000	13.2	1	74	66	29.43	4,5
090	4295	091075	72	FORD	STAW	8	400	2	1	1	22	660	625	1	29	28	+11	+08	4500	14.0	1	75	66	29.56	4,5

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
091	4548	110475	72	MERC	MONR	8	400	2	1	1	22	650	625	1	30	30	+02	+08	4500	14.0	1	76	65	29.48	4,5
092	4236	082975	72	OLDS	CUTL	8	350	2	1	1	20	650	650	1	30	30	+07	+08	3500	12.3	1	75	66	29.41	4,5
093	4713	120475	72	PLYM	DUST	6	225	1	1	1	16	490	750	1	47	46	+02	000	3000	10.3	2	76	59	29.52	4,5
094	4112	081275	72	PLYM	FRY3	8	360	2	1	1	23	750	750	1	33	30	+09	000	4000	12.0	2	75	66	29.36	4,5
095	4209	082675	72	PONT	SAFA	8	400	2	1	1	26	550	625	1	30	30	+07	+10	5000	14.7	1	73	64	29.54	4,5
096	4379	092475	72	PONT	LEMA	8	350	2	1	1	20	685	625	1	30	30	+09	+10	3500	11.2	2	76	59	29.26	4,5
097	4161	081975	72	DATS	510	4	097	2	4	2	12	925	700	1	50	52	+08	+07	2250	8.8	2	75	65	29.50	4,5
098	4827	122275	72	TOYO	CORO	4	120	2	1	2	14	800	650	1	60	39	+04	+07	2500	09.4	2	78	59	29.70	4,5
099	4313	091275	72	VOLK	SEDA	4	097	1	4	1	10	925	900	1	57	50	+01	-05	2000	8.3	2	76	60	29.64	4,5
100	4461	100875	72	VOLK	KOMB	4	103	1	4	2	16	1125	900	1	69	47	+06	-05	3000	10.3	2	73	66	29.43	4,5
389	4731	120675	72	AMC	STAW	6	258	1	1	1	20	550	550	1	35	34	+05	+05	3000	11.3	1	76	62	29.58	
390	4114	081275	72	BUIC	SKYL	8	350	2	1	1	20	550	650	1	31	30	+03	+04	3500	11.2	2	74	65	29.37	
391	4182	082175	72	BUIC	LESA	8	350	2	1	1	25	675	500	1	30	30	+03	+04	4500	14.0	1	74	67	29.57	
392	4418	100175	72	BUIC	ELEC	8	455	4	1	1	25	575	650	1	30	30	+07	+04	5000	14.7	1	73	58	29.70	
393	4388	092575	72	CHEV	VEGA	4	140	1	1	2	11	940	700	1	34	34	+14	+06	2500	9.4	2	72	56	29.61	
394	4142	081575	72	CHEV	NOVA	6	250	1	1	2	16	475	600	1	33	33	+16	+04	3000	10.3	2	74	65	29.36	
395	4039	072875	72	CHEV	MALI	8	350	2	1	1	19	575	600	1	31	30	+08	+06	3500	12.3	1	79	67	29.33	
396	4029	072475	72	CHEV	IMPA	8	350	2	1	1	23	650	600	1	27	30	+12	+06	4500	14.0	1	75	65	29.31	
397	4524	103075	72	CHEV	CAPR	8	400	2	1	1	23	525	600	1	28	30	+09	+06	4500	14.0	1	75	57	29.85	
398	4427	100275	72	CHRY	NEWP	8	400	2	1	1	23	525	700	1	99	99	+07	+08	4500	14.0	1	75	58	29.85	
399	4079	080675	72	DODG	DART	6	225	1	1	2	16	380	750	1	43	43	+05	000	3000	10.3	2	73	66	29.40	
400	4329	091775	72	DODG	POLA	8	318	2	1	1	21	630	750	1	99	99	000	000	4000	13.2	1	75	67	29.40	
401	4384	092575	72	FORD	PINT	4	122	2	1	1	12	675	650	1	52	38	+06	+06	2500	9.4	2	75	58	29.59	
402	4110	081175	72	FORD	TORI	8	302	2	1	1	22	600	600	1	34	28	+23	+06	3500	12.3	1	77	64	29.37	
403	4071	080575	72	FORD	CUST	8	351	2	1	2	22	790	600	1	36	28	+06	+06	4500	14.0	1	72	64	29.42	
404	4374	092475	72	FORD	GALA	8	429	4	1	1	22	550	600	1	30	28	+17	+10	4000	13.2	1	74	59	29.49	
405	4191	082275	72	LINC	CONT	8	460	4	1	1	23	700	625	1	31	28	+12	+10	5500	15.3	1	75	67	29.52	
406	4690	112675	72	MERC	MONG	8	351	2	1	1	23	525	600	1	29	30	+04	+06	3500	12.3	1	76	60	29.64	
407	4394	092675	72	OLDS	CUTL	8	350	4	1	1	20	500	600	1	28	30	+06	+12	3500	12.3	1	72	59	29.59	
408	4091	080775	72	OLDS	DELT	8	350	2	1	1	24	575	600	1	30	30	+05	+08	4500	12.7	2	72	62	29.56	
409	4285	090975	72	OLDS	DELT	8	455	4	1	1	24	680	600	1	31	30	+06	+08	4500	14.0	1	76	64	29.65	
410	4778	121375	72	PLYM	SATE	8	318	2	1	1	21	700	750	1	43	34	-02	000	3500	12.3	1	77	65	29.51	
411	4691	112675	72	PONT	STAW	8	400	2	1	1	25	815	625	1	26	30	+14	+10	5000	14.7	1	77	58	29.63	
412	4823	121975	72	MERC	CAPR	4	122	2	4	2	12	950	750	1	57	40	-04	+06	2500	09.4	2	78	60	29.63	
413	4314	091275	72	OPEL	57	4	116	2	4	2	10	825	900	1	61	50	+07	000	2250	8.8	2	76	59	29.63	
128	4082	080675	71	BUIC	ELEC	8	455	4	1	1	25	575	600	1	37	30	000	+04	4500	14.0	1	73	66	29.44	
129	4170	082075	71	BUIC	SKYL	8	350	2	1	1	20	650	800	1	28	30	+10	+10	3500	11.2	2	74	65	29.52	
130	4350	091975	71	CHEV	VEGA	4	140	1	1	2	11	725	550	1	34	34	+08	+06	2500	9.4	2	75	67	29.27	
131	4056	073175	71	CHEV	MONT	8	350	2	1	1	19	610	550	1	29	30	+13	+06	4000	13.2	1	79	68	29.49	
132	4271	090375	71	CHEV	NOVA	6	250	1	1	2	16	650	500	1	30	33	+06	+04	3000	10.3	2	73	65	29.43	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
133	4135	081475	71	CHEV	KING	8	350	2	1	1	24	675	550	1	33	30	+04	+06	5000	13.4	2	76	66	29.44	
134	4221	082875	71	CHEV	IMPA	8	350	2	1	1	24	625	550	1	30	30	+08	+06	4500	12.7	2	75	66	29.63	
135	4360	092375	71	CHRY	300	8	440	4	1	1	23	600	750	1	29	30	000	+05	4500	14.0	1	73	58	29.48	
136	4033	072575	71	DODG	CHAR	6	318	2	1	1	21	540	700	1	29	32	+08	000	3500	12.3	1	75	65	29.43	
137	4052	073175	71	DODG	DART	6	225	1	1	2	17	600	750	1	99	99	-02	000	3000	10.3	2	75	68	29.48	
138	4235	082975	71	FORD	PINT	4	122	2	4	2	11	525	750	1	39	40	+09	+06	2000	8.3	2	75	68	29.42	
139	4023	072375	71	FORD	TORI	8	302	2	1	1	20	400	600	1	34	27	-07	+06	3500	12.3	1	76	65	29.36	
140	4429	100275	71	FORD	MAVE	6	200	1	1	1	15	575	600	1	40	38	-08	+06	2750	9.9	2	75	59	29.83	
141	4063	080475	71	FORD	LTD	8	351	2	1	1	22	575	575	1	34	27	+11	+06	4500	14.0	1	73	65	29.44	
142	4201	082575	71	FORD	LTD	8	400	2	1	1	23	650	625	1	29	29	+16	+06	4500	14.0	1	73	63	29.30	
143	4122	081375	71	MERC	COUG	8	351	2	1	1	20	600	625	1	30	27	+14	+06	3500	12.3	1	73	64	29.41	
144	4008	071675	71	OLDS	TORO	8	455	4	1	1	25	725	600	1	33	30	+08	+08	5000	14.7	1	78	64	29.58	
145	4144	081575	71	PLYM	VALI	8	318	2	1	2	17	750	700	1	32	32	-02	000	3000	10.3	2	74	65	29.35	
146	4616	111375	71	PONT	GRNV	8	455	4	1	1	24	750	650	1	30	30	+06	+12	4500	14.0	1	75	58	29.54	
147	4292	090975	71	PONT	LEMA	8	350	2	1	1	19	580	600	1	29	30	+07	+12	4000	13.2	1	77	65	29.63	
148	4434	100375	71	DATS	510	4	097	2	4	2	12	1100	700	1	62	52	+11	+10	2500	9.4	2	78	59	29.89	
149	4342	091875	71	TOYO	CORO	4	097	2	4	2	12	1200	650	1	49	52	+11	+05	2000	8.3	2	78	68	29.29	
150	4118	081275	71	VOLK	SEDA	4	097	1	4	2	10	1075	900	1	66	47	+10	-05	2000	08.3	2	74	64	29.46	
414	4310	091275	71	AMC	MATA	8	360	2	1	1	20	625	650	1	33	30	000	+03	4000	12.0	2	75	62	29.50	
415	4049	073075	71	BUIC	ELEC	8	455	4	1	1	25	575	600	1	29	30	+22	+04	4500	14.0	1	76	66	29.46	
416	4318	091675	71	CADI	DEVI	8	472	4	1	1	28	525	600	1	30	30	+04	+08	5000	14.7	1	76	66	29.53	
417	4160	082175	71	CHEV	CAMA	8	307	2	1	1	17	700	550	1	30	30	+09	+08	3500	11.2	2	72	64	29.55	
418	4047	073075	71	CHEV	CAMA	8	350	2	1	1	17	630	550	1	31	30	+06	+06	3500	12.3	1	75	67	29.45	
419	4382	092575	71	CHEV	CHEL	8	307	2	1	1	19	710	550	1	26	30	+14	+08	3500	11.2	2	75	57	29.60	
420	4120	081275	71	CHEV	MONT	8	350	2	1	1	19	700	550	1	30	30	+04	+06	4000	13.2	1	81	68	29.40	
421	4066	080475	71	CHEV	IMPA	8	400	2	1	1	24	600	550	1	28	30	+11	+08	4000	13.2	1	77	65	29.41	
422	4446	100775	71	CHEV	KING	8	402	4	1	1	23	650	600	1	32	30	+08	+08	5000	14.7	1	73	61	29.56	
423	4444	100775	71	DODG	POLA	8	383	2	1	1	23	660	700	1	33	30	+09	+03	4000	13.2	1	74	61	29.56	
424	4015	072175	71	FORD	MUST	8	302	2	1	1	20	510	600	1	36	26	+07	+06	3500	11.2	2	77	63	29.38	
425	4405	093075	71	FORD	TORI	8	351	2	1	1	20	725	600	1	34	27	+06	+06	3500	11.2	2	72	62	29.48	
426	4177	082075	71	FORD	GALA	8	351	2	1	1	23	650	575	1	33	27	+08	+06	4000	13.2	1	79	67	29.52	
427	4747	120975	71	FORD	LTD	8	351	2	1	1	21	475	600	1	28	28	+06	+06	4500	14.0	1	76	58	29.45	
428	4372	092475	71	MERC	MONR	8	400	2	1	1	23	475	625	1	30	29	000	+06	4500	14.0	1	73	60	29.44	
429	4517	102775	71	OLDS	CUTL	8	350	2	1	1	20	600	600	1	29	30	+07	+10	3500	11.2	2	76	57	29.42	
430	4220	082875	71	OLDS	CUTL	8	350	4	1	1	20	675	650	1	31	30	+16	+12	4000	13.2	1	75	66	29.64	
431	4740	120975	71	PLYM	STAW	8	318	2	1	1	21	530	700	1	30	30	000	000	4000	12.0	2	76	60	29.43	
432	4512	102475	71	PLYM	FURY	8	360	2	1	1	23	725	700	1	29	30	+04	+03	4000	13.2	1	78	67	29.26	
433	4422	100275	71	PONT	CATA	8	350	2	1	1	24	865	650	1	34	30	+09	+12	4500	12.7	2	73	58	29.76	
434	4424	100275	71	OPEL	1900	4	116	2	4	2	11	950	900	1	54	50	+08	000	2500	9.4	2	75	59	29.86	
435	4290	090975	71	VOLK	SEDA	4	097	1	4	2	11	2700	900	1	52	50	+10	-05	2250	8.8	2	75	64	29.70	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
151	4438	100675	70	AMC	JAVE	6	232	1	3	2	19	930	600	1	24	32	+09	+03	3000	10.3	2	81	64	29.60	
152	4062	080175	70	BUIC	LESA	8	455	4	1	1	25	675	600	1	30	30	+07	000	4500	14.0	1	75	65	29.49	
153	4673	112175	70	CHEV	CAMA	6	250	1	3	1	19	735	750	1	34	34	-02	+00	3500	11.2	2	75	57	29.28	
154	4094	080775	70	CHEV	CHEL	8	307	2	1	1	20	390	600	1	32	30	+06	+08	3500	11.2	2	73	63	29.54	
155	4203	082675	70	CHEV	MALI	8	350	2	1	2	20	525	600	1	30	30	+06	+04	3500	11.2	2	74	66	29.41	
156	4115	081275	70	CHEV	IMPA	8	350	2	1	1	20	700	600	1	28	30	+06	+04	4000	13.2	1	76	66	29.38	
157	4769	121575	70	CHEV	MONT	8	350	2	1	1	20	450	600	1	32	30	+04	+04	4000	13.2	1	75	58	29.65	
158	4790	121675	70	DODG	DART	6	225	1	1	2	16	475	700	1	41	41	-02	000	3000	10.3	2	75	57	29.66	
159	4101	080875	70	DODG	CHAR	8	318	2	1	1	19	725	700	1	26	32	+02	000	3500	12.3	1	72	62	29.59	
160	4413	100175	70	FORD	MUST	8	302	2	1	1	22	575	600	1	38	27	+15	+06	3000	10.3	2	72	61	29.56	
161	4224	082875	70	FORD	TORI	8	302	2	1	1	20	625	600	1	26	26	+08	+06	4000	13.2	1	75	67	29.61	
162	4245	090275	70	FORD	GALA	8	351	2	1	1	25	725	600	1	27	27	000	+10	4000	12.0	2	73	64	29.43	
163	4288	090975	70	FORD	LTD	8	351	2	1	1	25	600	600	1	34	29	+08	+08	4000	13.2	1	76	64	29.70	
164	4345	091875	70	MERC	MONT	8	390	2	1	1	24	450	600	1	33	30	-08	+06	4000	13.2	1	77	66	29.26	
165	4746	120975	70	OLDS	DELT	8	455	2	1	1	25	460	575	1	32	30	+13	+08	4500	14.0	1	76	59	29.48	
166	4402	092975	70	PLYM	STAW	8	383	2	1	1	23	900	650	1	24	30	+02	+03	4500	14.0	1	72	61	29.48	
167	4490	101475	70	PONT	LEMA	8	350	2	1	1	20	625	650	1	35	30	+06	+09	4000	13.2	1	74	67	29.44	
168	4312	091275	70	VOLK	SEDA	4	97	1	4	2	10	1100	900	1	52	50	+04	000	2250	8.8	2	75	60	29.61	
169	4381	092475	70	VOLK	SEDA	4	97	1	4	2	10	1075	900	1	59	50	+08	000	2000	8.3	2	78	60	29.59	
436	4326	091775	70	BUIC	SKYL	8	350	2	1	1	20	625	600	1	27	30	+08	+06	4000	13.2	1	75	66	29.43	
437	4670	112175	70	BUIC	LESA	8	350	2	1	1	26	700	640	1	29	30	+03	+06	4500	14.0	1	77	58	29.13	
438	4282	090875	70	CADI	DEVI	8	472	4	1	1	26	700	620	1	28	30	+06	+08	5000	14.7	1	80	66	29.57	
439	4317	091675	70	CHEV	NOVA	8	307	2	1	1	18	600	600	1	30	30	+09	+08	3500	11.2	2	75	65	29.52	
440	4347	091875	70	CHEV	CHEL	8	350	2	1	1	20	675	600	1	28	30	+04	+04	3500	12.3	1	75	66	29.26	
441	4169	082075	70	CHEV	IMPA	8	350	2	1	1	20	425	600	1	32	30	+04	+04	4000	13.2	1	77	65	29.51	
442	4734	120675	70	CHEV	NOVA	8	350	2	3	1	18	550	600	1	33	30	+09	+04	3500	12.3	1	78	61	29.83	
443	4327	091775	70	CHRY	STAW	8	383	2	1	1	23	550	650	1	29	30	-02	+03	5000	14.7	1	75	67	29.41	
444	4393	092675	70	FORD	MAVE	6	200	1	1	2	16	550	550	1	39	39	+20	+06	2750	9.9	2	73	59	29.58	
445	4712	120275	70	FORD	TORI	8	302	2	1	1	22	475	600	1	22	24	+02	+06	3500	12.3	1	75	59	29.51	
446	4106	080875	70	FORD	LTD	8	390	2	1	1	25	700	600	1	29	29	+12	+06	4000	13.2	1	75	63	29.54	
447	4730	120675	70	FORD	MUST	8	302	2	1	1	20	500	800	1	28	28	+12	+06	3000	10.3	2	75	63	29.52	
448	4559	110475	70	MERC	COUG	8	351	2	1	1	22	600	600	1	31	29	-05	+10	3500	11.2	2	77	66	29.61	
449	4199	082575	70	OLDS	DELT	8	350	2	1	1	25	620	575	1	23	30	+12	+10	4500	12.7	2	74	64	29.37	
450	4262	090475	70	OLDS	DELT	8	455	4	1	1	25	575	600	1	32	30	+04	+12	4500	14.0	1	74	64	29.57	
451	4748	121075	70	PLYM	SATE	8	318	2	1	1	19	700	700	1	30	30	000	000	3500	11.2	2	75	59	29.45	
452	4004	071475	70	PLYM	SATE	8	318	2	1	1	21	600	700	1	28	32	+02	000	3500	11.2	2	79	65	29.48	
453	4065	080475	70	PONT	GRNP	8	400	4	1	1	24	815	650	1	33	30	+10	+09	4000	12.0	2	78	65	29.45	
454	4300	091175	70	PONT	BONV	8	455	4	1	1	26	850	650	1	31	30	+09	+09	4500	14.0	1	75	68	29.23	
455	4666	112075	70	DATS	510	4	097	2	4	2	12	1065	700	1	47	49	+08	+10	2250	08.8	2	78	58	29.07	
456	4781	121375	70	TOYO	CORO	4	071	2	4	2	10	725	650	1	59	52	+03	+05	2000	08.3	2	79	65	29.57	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
170	4069	080575	69	BUIC	RIVI	8	430	4	1	1	21	700	550	1	31	30	+04	000	4500	14.0	2	74	65	29.41	
171	4250	090375	69	BUIC	SPEC	8	350	2	1	1	20	500	600	1	30	30	+06	+05	3500	12.3	1	75	68	29.44	
172	4089	080775	69	CHEV	CHE2	8	307	2	1	1	18	610	600	1	31	30	+02	+02	3500	11.2	2	72	63	29.53	
173	4072	080575	69	CHEV	ELCA	8	350	2	1	1	20	590	600	1	27	30	+16	+04	3500	11.2	2	74	64	29.42	
174	4228	082875	69	CHEV	IMPA	8	327	2	1	1	24	700	600	1	28	30	+05	+02	4000	12.0	2	75	65	29.54	
175	4024	072375	69	CHEV	IMPA	8	327	2	1	1	24	575	600	1	28	30	-04	+02	4000	13.2	1	76	65	29.34	
176	4260	090475	69	CHEV	CAPR	8	350	2	1	1	24	675	600	1	29	30	+10	+04	4000	13.2	1	74	64	29.53	
177	4281	090875	69	CHRY	NEWP	8	383	2	1	1	24	620	600	1	36	32	+14	+08	4000	13.2	1	75	63	29.57	
178	4450	100775	69	FORD	MUST	6	250	1	3	2	20	650	700	1	46	40	+06	+06	3000	10.3	2	76	65	29.58	
179	4249	090375	69	FORD	TORI	8	302	2	1	1	20	600	550	1	32	30	+08	+06	3500	11.2	2	75	66	29.43	
180	4349	091975	69	FORD	GALA	8	351	2	1	1	24	660	550	1	28	28	000	+06	4000	12.0	2	75	66	29.24	
181	4143	081575	69	FORD	GALA	8	390	2	1	1	25	575	550	1	26	28	+14	+06	4000	13.2	1	75	66	29.35	
182	4791	121675	69	MERC	MONR	8	390	2	1	1	25	525	550	1	46	28	-03	+06	4500	12.7	2	75	58	29.65	
183	4309	091275	69	OLDS	DELT	8	455	4	1	1	25	600	575	1	31	30	+07	+10	4500	14.0	1	74	63	29.45	
184	4608	111275	69	PLYM	SATE	8	318	2	1	1	19	700	650	1	28	30	000	000	3500	11.2	2	76	56	29.37	
185	4037	072875	69	PONT	LEMA	8	350	2	1	1	22	560	650	1	40	30	+06	+09	3500	11.2	2	76	66	29.36	
186	4409	093075	69	PONT	CATA	8	400	2	1	1	22	775	650	1	34	30	+09	+09	4000	13.2	1	74	65	29.55	
187	4315	091275	69	VOLK	SEDA	4	97	1	4	2	10	1400	900	1	57	50	+04	000	2000	8.3	2	76	58	29.63	
457	4797	121675	69	AMC	AMBA	8	350	2	1	1	22	470	550	1	34	30	+01	000	4000	13.2	1	78	59	29.54	
458	4301	091175	69	CADI	DEVI	8	472	4	1	1	26	650	550	1	25	30	000	+05	5000	14.7	1	76	69	29.22	
459	4652	111975	69	CHEV	NOVA	6	230	1	1	2	18	800	550	1	28	31	+12	+04	3000	10.3	2	73	58	29.60	
460	4272	090575	69	CHEV	IMPA	8	350	2	1	1	24	600	600	1	40	30	+06	+04	4000	12.0	2	73	65	29.42	
461	4752	121075	69	CHEV	IMPA	8	327	2	1	1	24	720	600	1	29	30	+15	+06	4000	13.2	1	72	58	29.40	
462	4843	011976	69	DODG	CORO	8	318	2	1	2	19	550	650	1	28	30	+02	000	3500	11.2	2	77	61	29.61	
463	4124	081375	69	DODG	CORO	8	318	2	1	1	19	590	650	1	35	35	-02	000	3500	12.3	1	74	65	29.41	
464	4432	100375	69	FORD	MUST	8	302	2	1	1	20	700	550	1	29	29	000	+06	3000	10.3	2	74	59	29.85	
465	4445	100775	69	FORD	TORI	8	351	2	1	1	20	575	550	1	34	29	-02	+06	3500	12.3	1	74	62	29.56	
466	4469	100975	69	FORD	THUN	8	429	4	1	1	24	625	550	1	32	31	+03	+06	4500	14.0	1	70	63	29.49	
467	4419	100275	69	OLDS	CUTL	8	350	4	1	1	20	675	600	1	26	30	+05	+08	3500	12.3	1	72	57	29.71	
468	4506	102475	69	OLDS	DELT	8	455	2	1	1	25	550	575	1	27	30	+10	+06	4500	12.7	2	75	64	29.28	
469	4637	111875	69	PLYM	VALI	6	225	1	1	1	18	600	650	1	42	42	-02	000	3000	10.3	2	78	59	29.65	
470	4688	112575	69	PLYM	FRY3	8	318	2	1	1	19	900	650	1	26	30	+18	000	4000	13.2	1	76	59	29.66	
471	4763	121175	69	PONT	TEMP	8	350	2	1	1	22	500	650	1	31	30	+07	+09	3500	11.2	2	80	64	29.27	
472	4776	121375	69	TOYO	CORO	4	116	2	1	1	10	475	650	1	55	52	+08	+05	2500	09.4	2	79	65	29.51	
473	4147	081575	69	VOLK	SEDA	4	91	1	4	2	11	1050	900	1	55	50	+04	000	2000	8.3	2	75	65	29.38	
188	4370	092375	68	AMC	JAVA	8	290	2	1	1	19	575	550	1	31	30	+07	000	3000	10.3	2	75	60	29.40	
189	4478	101075	68	BUIC	LESA	8	350	4	1	1	25	575	550	1	32	30	-02	000	4500	14.0	1	72	60	29.57	
190	4266	090475	68	CHEV	NOVA	8	307	2	1	1	18	550	600	1	23	30	+17	+02	3000	10.3	2	74	62	29.57	
191	4014	072175	68	CHEV	CHEL	8	307	2	1	1	20	515	700	1	34	30	+17	+02	3500	11.2	2	75	64	29.40	
192	4306	091175	68	CHEV	IMPA	8	327	4	1	1	24	550	600	1	32	30	+06	+04	4000	12.0	2	75	68	29.25	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
193	4782	121375	68	CHEV	IMPA	8	396	4	1	1	24	480	600	1	33	30	+09	+04	4000	13.2	1	76	64	29.56	
194	4232	082975	68	CHRY	NEWP	8	383	2	1	1	24	700	600	2	35	30	+10	+08	4000	13.2	1	74	66	29.41	
195	4406	093075	68	DODG	CHAR	8	318	2	1	2	19	675	800	1	25	30	+03	+03	3500	11.2	2	73	63	29.49	
196	4627	111475	68	FORD	MUST	6	200	1	1	2	16	675	550	1	44	40	+04	+06	3000	10.3	2	77	57	29.70	
197	4509	102475	68	FORD	FAIR	8	289	2	1	1	20	670	625	1	32	29	+07	+06	3500	11.2	2	74	64	29.30	
198	4234	082975	68	FORD	GALA	8	302	2	1	1	25	650	550	1	23	27	000	+06	4000	13.2	1	74	66	29.41	
199	4192	082275	68	MERC	COLO	8	390	2	1	1	20	650	550	1	32	27	+10	+06	4500	14.0	1	75	67	29.53	
200	4383	092575	68	OLDS	CUTL	8	350	2	1	1	20	900	575	1	34	30	+14	+03	3500	12.3	1	75	57	29.59	
201	4231	082975	68	PLYM	BELA	8	318	2	1	2	19	925	600	1	21	30	000	-03	3500	11.2	2	75	66	29.44	
202	4493	101575	68	PONT	TEMP	8	350	2	1	1	21	575	575	1	34	30	+23	+09	3500	11.2	2	74	65	29.39	
203	4179	082175	68	PONT	VENT	8	400	2	1	1	26	600	650	1	35	30	+08	+09	4000	13.2	1	72	64	29.55	
204	4227	082875	68	VOLK	SEDA	4	091	1	4	2	10	1075	900	1	66	50	+03	000	2250	8.8	2	75	64	29.53	
474	4204	082675	68	BUIC	RIVI	8	430	4	1	1	25	725	550	1	33	30	+03	000	4500	12.7	2	74	66	29.43	
475	4625	111475	68	CADI	DEVI	8	472	4	1	1	26	600	550	1	33	30	000	+05	5000	14.7	1	78	57	29.69	
476	4031	072475	68	CHEV	ELCA	8	307	2	1	2	20	550	600	1	29	30	+18	+02	3500	11.2	2	76	66	29.35	
477	4516	102575	68	CHEV	IMPA	8	327	4	1	1	24	650	600	1	27	30	+05	+04	4500	14.0	1	75	56	29.58	
478	4680	112575	68	CHEV	STAW	8	327	4	1	1	24	475	600	1	31	30	+03	+04	4500	14.0	1	74	56	29.50	
479	4669	112175	68	DODG	DART	6	225	1	1	1	18	625	650	1	41	40	+12	000	3000	10.3	2	77	57	29.11	
480	4504	102475	68	FORD	MUST	8	289	2	1	1	16	625	550	1	34	29	+15	+06	3000	10.3	2	75	64	29.29	
481	4113	081275	68	FORD	GALA	8	390	2	1	1	25	590	550	1	32	29	+18	+06	4000	13.2	1	75	66	29.36	
482	4086	080675	68	FORD	STAW	8	340	2	1	1	20	475	550	1	25	28	+12	+06	4500	14.0	1	75	64	29.45	
483	4466	100975	68	OLDS	TORO	8	455	4	1	1	24	810	575	1	27	30	+12	+08	4500	12.7	2	73	64	29.47	
484	4353	091975	68	PLYM	FURY	8	383	2	1	1	24	600	600	1	24	30	+12	+08	4000	13.2	1	74	65	29.34	
485	4821	121975	68	PONT	BONN	8	400	4	1	1	27	750	600	1	31	30	+11	+09	4500	12.7	2	79	60	29.67	
486	4643	111875	68	VOLK	BUS	4	097	1	4	2	16	1400	900	1	55	50	+13	000	3000	10.3	2	76	59	29.74	
205	4182	082175	65	AMC	RAMB	6	199	1	3	2	19	1500	500	1	34	34	+23	+05	2750	9.9	2	75	65	29.57	
206	4316	091675	67	BUIC	SKYL	8	340	2	1	1	20	575	625	1	32	30	+12	+03	3500	11.2	2	75	65	29.53	
207	4116	081275	67	BUIC	ELEC	8	430	4	1	1	25	750	550	1	28	30	+03	+03	4500	14.0	1	76	66	29.41	
208	4756	121175	67	CHEV	IMPA	8	327	4	1	1	24	500	500	1	30	30	+07	+08	4000	12.0	2	76	62	29.32	
209	4190	082275	67	CHEV	CHEL	8	283	2	1	1	20	625	500	1	32	30	+06	+04	3500	11.2	2	75	67	29.51	
210	4007	071175	66	CHEV	IMPA	8	283	2	1	2	21	625	560	1	30	30	+20	+40	4000	12.0	2	79	63	29.33	
211	4061	080175	66	CHEV	IMPA	8	283	2	1	2	20	475	500	1	27	30	+07	+04	4000	12.0	2	74	65	29.50	
212	4163	081975	65	CHEV	IMPA	8	327	4	1	1	20	725	500	1	30	30	+15	+04	4000	13.2	1	77	66	29.50	
213	4449	100775	67	CHEV	CAPR	8	396	4	1	1	24	750	500	1	33	30	+10	+04	4000	13.2	1	75	64	29.60	
214	4212	082675	67	CHRY	NEWP	8	383	2	1	1	25	625	650	1	17	30	+27	+13	4000	13.2	1	74	63	29.54	
215	4440	100675	66	DODG	STAW	6	225	1	3	1	18	750	550	1	39	40	+12	+03	3000	10.3	2	83	66	29.56	
216	4103	080875	66	FORD	MUST	6	200	1	3	2	16	775	600	1	34	40	+17	+06	3000	10.3	2	75	64	29.60	
217	4325	091775	67	FORD	MUST	8	289	2	1	1	16	600	500	1	29	29	+05	+06	3500	11.2	2	75	67	29.45	
218	4357	092275	67	FORD	FAIR	8	289	2	1	1	20	575	500	1	30	28	000	+06	3500	11.2	2	77	61	29.48	
219	4618	111375	66	FORD	GALA	8	352	4	1	1	25	725	550	1	20	26	000	+10	4000	12.0	2	76	57	29.57	

APPENDIX A (CONTD)

ST. LOUIS

VEH	RUN	DATE	YR	MAKE	MODL	C	CID	V	T	A	FT	IRPM	IRPMS	P	DW	DWS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TESTS
220	4404	093075	65	FORD	LTD	8	390	4	1	1	20	700	500	1	30	28	000	+06	4000	13.2	1	71	61	29.48	
221	4057	080175	67	FORD	GALA	8	390	2	1	1	25	650	475	1	26	28	-02	+10	4000	13.2	1	74	67	29.50	
222	4311	091275	67	MERC	COUG	8	289	2	1	2	17	735	500	1	27	28	000	+06	3500	11.2	2	74	61	29.52	
223	4164	081975	67	OLDS	CUTL	8	330	2	1	1	20	575	500	1	31	30	+13	+08	3500	11.2	2	79	67	29.50	
224	4622	111375	65	OLDS	NNTY	8	425	4	1	1	25	500	500	1	46	30	+05	+05	4500	14.0	1	78	57	29.69	
225	4505	102475	66	PLYM	FURY	8	318	2	1	1	25	690	500	1	28	30	+02	+10	4000	12.0	2	76	65	29.28	
226	4733	120675	65	PLYM	BARA	6	225	1	1	1	18	800	550	1	44	44	+10	+05	3000	10.3	2	76	60	29.83	
D 227	4270	090575	65	PONT	TEMP	8	326	2	1	2	22	675	500	1	25	30	+21	+06	3500	11.2	2	74	65	29.46	
D 228	4671	112175	66	PONT	BONN	8	389	4	1	1	27	600	575	1	35	30	+21	+06	4500	14.0	1	77	57	29.16	
229	4138	081475	67	VOLK	SEDA	4	78	1	4	2	11	1130	900	1	58	50	+07	000	2000	8.3	2	75	67	29.45	
230	4334	091775	67	VOLK	SEDA	4	91	1	4	1	10	1900	900	1	51	50	+14	+08	2000	8.3	2	76	69	29.33	
487	4523	103075	67	AMC	RAMB	8	232	1	1	1	16	600	550	1	20	31	+17	+05	3500	11.2	2	72	57	29.85	
488	4793	121675	65	AMC	AMBA	8	287	2	1	1	19	525	500	1	29	30	+09	+05	3500	12.3	1	75	58	29.64	
489	4337	091875	67	BUIC	RIVI	8	430	4	1	1	21	475	500	1	22	30	+10	+03	4500	12.7	2	74	66	29.27	
490	4206	082675	66	CADI	DEVI	8	429	4	1	1	26	575	500	1	27	30	000	+05	5000	14.7	1	74	67	29.50	
491	4520	102975	66	CHEV	CHEL	8	283	2	1	1	20	750	500	1	26	30	+03	+04	3500	11.2	2	73	60	29.75	
492	4205	082675	66	CHEV	CHEL	8	283	2	1	2	20	450	500	1	24	30	+05	+04	3500	11.2	2	74	66	29.42	
493	4108	081175	66	CHEV	IMPA	8	283	2	1	1	20	580	500	1	33	30	+06	+04	4000	12.0	2	75	66	29.40	
494	4032	072575	66	CHEV	IMPA	8	283	2	1	1	20	620	500	1	26	30	+07	+04	4000	13.2	1	75	65	29.42	
495	4214	082775	66	CHEV	IMPA	8	327	4	1	1	20	675	500	1	27	30	+10	+08	4000	12.0	2	75	66	29.63	
496	4703	120375	67	CHEV	IMPA	8	283	2	1	1	24	475	500	1	29	30	+12	+04	4000	13.2	1	78	59	29.57	
497	4174	082075	67	DODG	CORO	8	318	2	1	1	19	725	600	1	29	30	+15	+10	4000	12.0	2	77	66	29.57	
498	4189	082275	65	DODG	POLA	8	383	2	1	2	25	775	500	1	33	30	+10	+10	4000	13.2	1	75	66	29.52	
499	4255	090375	65	FORD	MUST	6	200	1	1	2	16	650	500	1	32	35	+13	+12	2750	9.9	2	79	67	29.47	
500	4131	081475	67	FORD	MUST	8	289	2	1	1	16	575	575	1	31	29	+06	+06	3500	11.2	2	74	66	29.43	
501	4386	092575	67	FORD	STAW	8	289	2	1	1	20	675	500	1	32	29	-04	+06	3500	11.2	2	75	59	29.59	
502	4447	100775	67	FORD	XL	8	390	4	1	1	25	585	500	1	26	26	+11	+10	4000	13.2	1	72	61	29.57	
503	4109	081175	67	FORD	CUST	8	390	2	1	1	25	560	475	1	21	29	+09	+10	4000	13.2	1	76	64	29.38	
504	4468	100975	67	LINC	CONT	8	462	4	1	1	25	510	475	1	31	31	+15	+10	5500	15.3	1	71	63	29.48	
505	4772	121275	66	OLDS	TORO	8	425	4	1	1	24	625	500	1	21	30	+08	+08	4500	12.7	2	76	62	29.53	
506	4330	091775	66	PLYM	BARR	8	273	2	1	2	18	600	650	1	29	30	000	+10	3000	10.3	2	76	68	29.39	
507	4757	121175	66	PLYM	FURY	8	383	2	1	1	25	500	500	1	32	32	+06	+13	4000	13.2	1	77	61	29.33	
508	4207	082675	66	PONT	LEMA	8	326	2	1	1	22	700	500	1	31	30	+14	+06	3500	11.2	2	74	66	29.52	
509	4779	121375	65	PONT	CATA	8	389	2	1	1	27	1200	500	1	39	30	+08	+06	4000	12.0	2	77	64	29.51	
510	4679	112475	67	PONT	CATA	8	400	2	1	1	27	700	500	1	24	30	+10	+06	4000	13.2	1	75	56	29.49	

APPENDIX B

LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

APPENDIX B

LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

Column Heading	Description
VEH:	Vehicle Number
YR:	Model Year
MAKE:	Vehicle Make
MODL:	Vehicle Model
VIN:	Vehicle Identification Number
ODOM:	Odometer Reading
N:	New or Used: (1: New; 2: Used)
P:	Purchase Date of Vehicle (1: 0-3 mo; 2: 3-12 mo; 3: 1-2 yrs; 4: over 2 yrs)
VMT:	Yearly Vehicle Miles Traveled (1: 0-5,000; 2: 5,001-10,000; 3: 10,001-15,000; 4: 15,001-20,000; 5: 20,001-30,000: 6: over 30,000)
C:	Downtown Driving (1: All; 2: Most; 3: Some; 4: None)
S:	Suburban Driving (1: All; 2: Most; 3: Some; 4: None)
F:	Expressway Driving (1: All; 2: Most; 3: Some; 4: None)
W:	Driving To and From Work (1: All; 2: Most; 3: Some; 4: None)
G:	Shopping (1: All; 2: Most; 3: Some; 4: None)
B	Business (not to and from work) (1: All; 2: Most; 3: Some; 4: None)
V:	Travel, Vacations, etc. (1: All; 2: Most; 3: Some; 4: None)
MFRREC:	Vehicles Maintained to Manufacturer's Recommendations (1: Yes; 2: No; 3: Don't Know)

APPENDIX B (Continued)

LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

Column Heading	Description
LOC	Last Oil Change (1: 0-6 mos; 2: 6-12 mos; 3: over 1 year; 4: don't know)
LTU	Last Tune Up (1: 0-6 mos; 2: 6-12 mos; 3: over 1 year; 4: don't know)
W:	Who Performed Tune Up: (1: franchised dealer; 2: independent garage; 3: service station; 4: owner or friend; 5: don't know)
MOD:	Alterned Engine and/or Exhaust System Components
OPER:	Vehicle operated 50 percent of the time on unpaved roads, in competitive events, or in hauling or transporting loads heavier than for which it was designed. (1: Yes; 2: No; 3: Don't know)
D:	Has vehicle ever had major damage to: a: cooling system; b: engine; C; fuel tank; d: exhaust e: no damage. 1: Yes; 2: No; 3: Don't know)
LEAD:	If unleaded fuel is required, has vehicle been oerated on leaded fuel? (1: not required; 2: never; 3: once or twice; 4: occasionally; 5: regularly; 6: don't know)
H2S:	Have you or others noticed a hydrogen sulfide (rotten eggs) odor in this vehicle's exhaust? (1: never; 2: rarely; 3: occasionally; 4: regularly; 5: don't know)

APPENDIX B

LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

CALIFORNIA

VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	M2S
001	75	CHEV	G10V	CGY155U174027	1375	1	2	2	2	3	3	4	2	3	3	1	1	1	1	2	2	22221	2	1
002	75	CHEV	G10V	CGY145Z146832	4572	1	2	2	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	2	1
003	75	CHEV	G10V	CGY155U113517	1r990	1	2	4	3	3	2	2	3	4	3	1	1	1	5	2	2	22221	2	1
004	75	CHEV	G10V	CGY155U174324	6644	1	2	3	2	3	4	2	3	3	4	1	1	1	1	2	2	22221	2	1
005	75	DODG	TRAD	B11A25X033261	13141	1	2	4	3	3	3	3	3	3	3	2	1	1	4	2	2	22221	2	1
006	75	FORD	F100	F10BRX00604	4015	1	2	2	2	3	3	3	3	2	3	1	2	2	5	2	2	22221	2	1
007	75	FORD	F100	F10GRV48477	13232	1	2	4	3	2	3	2	3	3	4	1	1	1	1	2	2	22221	2	1
008	75	FORD	ECON	E04HHW43467	8010	1	2	2	1	1	1	1	4	4	4	1	2	2	1	1	2	22221	2	1
009	75	FORD	F100	E04HHW82518	9859	1	1	4	2	3	3	2	3	3	3	3	1	1	2	3	2	22221	2	1
010	75	GMC	SIER	TCY1452511717	7548	1	2	3	2	3	4	3	4	3	3	1	1	1	1	1	2	22221	3	2
011	75	AMC	PACE	A5A667A277942	9010	1	2	3	3	3	2	2	3	4	3	1	1	1	1	2	2	22221	2	3
012	75	BUIC	CNTY	4J29J52103257	14916	1	2	4	3	2	3	3	4	2	3	1	1	1	1	2	2	22221	2	1
013	75	BUIC	ESTA	4R457SX121634	12626	2	1	5	3	2	2	4	2	3	2	1	1	1	2	2	2	22221	2	1
014	75	BUIC	REGA	4J29J52105403	5661	1	2	4	3	3	3	2	3	3	4	1	1	1	1	2	2	22221	2	1
015	75	CADI	DEVI	6D49S5U124376	21718	1	2	5	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	2	1
016	75	CHEV	MONZ	1M27B5C249814	4441	1	2	3	3	2	3	4	3	4	2	1	1	1	1	2	2	22221	2	5
017	75	CHEV	CAMA	10B7A5N562810	7683	1	2	3	4	3	2	2	4	4	3	1	1	1	1	2	2	22221	2	1
018	75	CHEV	MONT	1M57L5Z460371	5407	1	1	2	2	3	3	3	2	3	3	1	1	1	1	2	2	22221	2	1
019	75	CHEV	CAMA	1S87L5N620435	8045	1	2	2	4	3	3	3	4	4	3	1	1	1	1	2	2	22221	2	3
020	75	CHEV	MONT	1M57L52461097	8459	1	2	3	3	3	3	3	3	3	3	1	2	2	1	2	2	22221	2	1
021	75	CHEV	IMPA	114715J124913	1831	1	2	3	3	3	3	1	3	3	3	1	1	1	1	2	2	22221	2	1
022	75	CHRY	NEWP	CM43M5C178U78	8102	1	2	3	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	2	1
023	75	DODG	DART	LL29G56164353	8999	1	2	2	4	4	2	4	4	4	1	1	1	1	1	2	2	22221	2	1
024	75	DODG	DART	LP41C5F184845	3246	1	1	5	2	3	3	3	3	1	3	2	1	1	1	2	2	22221	5	1
025	75	FORD	MUST	5K02Y141718	6401	1	2	3	3	3	2	4	3	2	3	1	1	1	1	2	2	22221	2	1
026	75	FORD	GRAN	5W61F234815	3936	1	2	3	4	2	4	3	3	4	3	1	4	4	5	2	2	22221	2	1
027	75	FORD	GRAN	5W82L240060	9743	1	2	0	4	3	2	2	3	4	3	1	1	1	1	2	2	22221	2	1
028	75	FORD	TORI	5A42M165180	5781	1	2	1	2	3	3	4	1	1	3	1	1	1	1	2	2	22221	2	1
029	75	FORD	LTD	5J68A136374	9022	1	2	3	4	2	3	2	3	3	3	1	1	2	1	2	2	22221	2	2
030	75	MERC	MARQ	5Z60A500034	9468	1	2	2	3	2	2	2	2	4	3	1	1	1	1	2	2	22221	2	3
031	75	MERC	COUG	5A93M549517	2749	1	1	3	4	3	2	2	3	4	3	1	1	1	1	2	2	22221	2	1
032	75	OLDS	CUTL	3J57K5R114446	18108	1	3	4	3	3	3	4	4	2	3	1	1	3	1	2	2	22221	2	4
033	75	OLDS	CUTL	3J29K5K156683	6673	1	2	3	3	3	2	2	3	3	4	1	1	1	1	2	2	22221	2	1
034	75	OLDS	DELT	3H45L5A129606	6647	1	2	4	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
035	75	PLYM	FURY	RP23G5G154620	13304	1	2	3	3	3	3	3	3	3	4	1	1	1	1	2	2	22221	2	1

APPENDIX B (CONTD)

CALIFORNIA

VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	HZS
036	75	PLYM	DUST	VL29C5G102388	4691	1	2	3	3	4	2	2	3	4	4	1	1	1	1	2	2	22221	2	1
037	75	PONT	CATA	2L57S5X146745	9408	1	2	2	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	2	1
038	75	PONT	VENT	2227F5L104574	8010	1	2	2	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	2	1
039	75	PONT	GRNV	2R67W5P136189	12682	2	1	3	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	2	1
040	76	CAPR	II	CAECRY23583	1358	1	1	2	3	3	3	2	3	3	3	1	1	1	1	3	2	22221	2	1
041	75	DATS	B210	HLB21009030	13324	1	2	4	4	3	2	2	2	4	3	1	1	1	1	2	2	22221	2	1
042	75	HOND	CVCC	WBA1003244	6735	1	2	4	3	3	3	2	4	4	3	1	1	1	1	2	2	22221	4	1
043	75	TOYO	CORO	RT115003C04	7233	1	2	4	3	2	3	2	2	4	2	1	1	1	1	2	2	22221	2	3
044	75	VOLK	SEDA	1152021821	4185	1	2	3	3	3	2	2	3	3	4	1	1	1	1	2	2	22221	2	1
045	75	VOLK	RABB	17531405314	4342	1	2	2	4	1	4	4	1	4	4	1	1	4	5	2	2	22221	2	1
046	74	AMC	MATA	A4A169M229269	40701	1	3	4	3	3	3	2	3	4	4	1	1	1	5	2	2	22221	1	1
047	74	BUIC	ESTA	4R4514Y232711	35326	1	3	4	3	3	2	2	3	3	3	1	1	1	1	2	2	22221	1	1
048	74	BUIC	CENT	4H29H4Z114725	13635	2	1	1	3	2	3	4	3	4	2	1	1	1	1	3	2	22221	6	1
049	74	CHEV	VEGA	1V77A4U272893	12375	1	3	3	4	2	3	2	2	4	4	1	1	2	1	2	2	22221	1	1
050	74	CHEV	MONT	1H57L42408094	22480	1	4	2	3	3	2	2	3	4	3	3	1	4	2	2	2	22221	1	1
051	74	CHEV	CAMA	1Q87L4N211689	17870	2	1	4	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	1	1
052	74	CHEV	MALI	1D37L42409461	30897	1	4	4	3	3	3	3	3	3	3	1	1	1	2	2	2	22221	1	1
053	74	CHEV	MONT	1H57Y47437387	15351	1	3	2	3	2	3	2	3	3	3	2	3	3	5	2	2	22221	5	1
054	74	CHEV	CAPR	1N47U4C115598	34452	1	3	3	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	1	1
055	74	DODG	CHAR	WH23G4A245547	17595	2	2	2	3	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
056	74	DODG	DART	LH23C4G10-041	15519	1	4	3	4	1	4	1	2	3	3	3	1	1	1	2	2	22221	1	1
057	74	FORD	PINT	4X11Y238453	1297	1	1	1	4	2	3	4	2	4	3	1	1	1	5	2	2	22221	1	1
058	74	FORD	MAVE	4K91F118175	13340	1	4	2	4	1	3	2	2	4	4	1	1	1	5	2	2	22221	1	1
059	74	FORD	MAVE	4K92L182639	40563	2	1	4	3	3	3	3	3	3	4	3	1	1	1	2	2	22221	1	1
060	74	FORD	LTD	4J67S103358	32485	1	3	4	4	4	2	1	4	1	1	1	1	1	3	2	2	22221	1	1
061	74	FORD	LTD	4J63S128737	22481	2	2	2	3	2	3	4	1	1	1	1	1	2	2	2	2	22221	1	1
062	74	LINC	MARK	4Y89A851418	35050	1	3	5	3	3	3	2	3	2	2	1	1	1	2	2	2	22221	1	1
063	74	MERC	MONT	4254A541637	17348	2	2	2	4	1	4	3	3	2	4	1	1	1	2	2	2	22221	1	1
064	74	OLDS	CUTL	3J57K4R139220	12000	1	4	1	4	2	3	4	1	4	4	1	2	3	1	2	2	22221	1	1
065	74	OLDS	98	3X3914M140483	16682	2	1	4	3	3	3	3	3	3	3	3	1	1	1	3	3	22221	1	1
066	74	OLDS	98	3V39T4M161900	41792	2	1	3	3	3	3	3	3	3	3	3	1	1	1	2	2	22221	1	1
067	74	PLYM	SATE	RM41G4A233772	17357	2	2	2	3	2	2	1	1	1	1	1	1	1	1	2	2	22221	6	1
068	74	PLYM	DUST	VL29C4G255725	33083	2	1	3	3	3	3	3	3	3	3	3	1	1	1	3	3	22221	1	1
069	74	PONT	CATA	2L57RJC106163	41091	1	4	4	3	3	3	3	4	3	3	1	1	1	1	2	2	22221	1	1
070	74	PONT	LEMA	2D37M42103520	20092	2	1	3	3	3	3	3	3	3	3	3	1	1	1	3	3	22221	1	1
071	74	DATS	620	PL62034E730	10695	1	2	2	4	2	3	3	2	3	4	1	4	1	2	2	2	22221	1	1
072	74	MAZD	RX3	S124W156405	5306	1	2	2	4	2	3	3	2	4	4	1	1	1	1	2	2	22221	4	3
073	74	TOYO	CORO	TE28552720	32672	1	3	4	3	3	2	2	3	3	3	2	1	1	4	2	2	22221	1	1
074	74	VOLK	SEDA	1342463806	16722	1	3	4	2	2	2	1	1	1	3	1	1	2	1	2	2	22221	1	1
075	74	VOLK	THIN	1842402898	10237	1	3	2	4	2	4	1	4	4	4	1	2	2	2	2	2	22221	1	1

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CALIFORNIA

VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	UPER	D	LEAD	M2S
101	73	AMC	HORN	A3A067A363316	39584	1	4	4	3	4	2	2	2	4	3	1	1	1	1	2	2	22221	1	1
102	73	BUIC	REGA	4J57T3Z107720	27762	2	4	2	3	2	3	2	3	3	3	1	2	2	4	2	2	22221	1	1
103	73	CADI	DEVI	6D47R30142697	43124	2	2	5	3	3	2	3	3	2	3	1	1	1	2	2	2	22221	1	1
104	73	CHEV	VEGA	1V77B3U360479	14293	1	4	2	3	3	3	2	3	4	4	1	1	2	1	2	2	22221	1	1
105	73	CHEV	MONT	1M57M32461950	38904	1	4	3	4	4	2	2	4	4	4	1	1	2	3	2	2	22221	4	1
106	73	CHEV	NOVA	1X27F3L197379	41063	1	4	2	2	3	4	2	2	3	3	1	1	1	2	3	2	22221	2	3
107	73	CHEV	IMPA	1L39R3C201607	40942	1	4	4	3	3	2	2	4	4	3	1	1	2	2	2	2	22221	1	1
108	73	CHEV	CAPR	1N45R3C109296	44941	1	4	3	4	2	3	2	3	3	3	1	1	1	2	2	2	22221	1	1
109	73	CHEV	CAPR	1N39R3114831	26141	1	4	3	3	2	3	4	1	1	1	1	4	4	1	2	2	22221	3	1
110	73	DODG	DART	LL41C3R120016	42614	1	4	5	4	2	4	2	3	4	4	3	1	2	5	2	2	22221	1	1
111	73	FORD	PINT	3R10X155966	20649	2	4	3	3	2	3	4	3	4	2	1	1	1	2	2	2	22221	1	1
112	73	FORD	TORI	3H35H163817	30567	2	3	3	3	2	3	3	3	4	3	1	1	2	2	2	2	22221	1	1
113	73	FORD	MAVI	3R41F146595	22835	1	4	3	4	2	4	1	4	4	4	1	1	1	1	2	2	22221	1	1
114	73	FORD	LTD	3J62S174909	23692	1	3	4	3	3	2	1	3	3	4	1	1	1	2	2	2	22221	1	1
115	73	FORD	COUN	3J76N162094	35156	1	4	3	3	3	2	3	3	3	3	3	2	1	2	2	2	22221	1	1
116	73	MERC	COLD	3Z76S525324	33327	1	4	3	3	3	2	2	3	3	3	1	1	1	2	2	2	22221	1	1
117	73	OLDS	TORO	3Y57W3M713746	28152	1	4	2	2	4	4	4	4	1	4	1	1	2	1	2	2	22221	1	1
118	73	OLDS	VIST	3J45K3R106977	38472	1	3	3	1	1	1	4	1	4	1	1	1	2	2	2	2	12222	1	1
119	73	PLYM	BARR	BH23G3B251091	47834	2	1	3	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	1	1
120	73	PLYM	DUST	VL29C3G237297	41609	1	4	5	3	3	2	3	3	3	2	1	1	3	3	2	2	22221	1	1
121	73	PONT	GRAN	2H37R3P094832	23432	2	2	1	2	3	3	1	3	4	3	1	2	2	2	2	2	22221	1	1
122	73	PONT	LEMA	2D45737105409	38277	1	4	3	4	2	3	4	2	3	3	1	4	4	5	3	2	22221	2	1
123	73	DATS	1600	PL620261317	36906	1	4	3	3	3	2	2	3	4	3	1	1	2	1	2	2	22221	1	1
124	73	OPEL	MANT	0L77NC9164099	27552	1	3	3	3	2	3	3	4	3	3	1	1	1	3	2	2	22221	1	1
125	73	TOYO	CORO	TE28534779	37928	2	2	3	3	3	3	3	3	4	3	1	1	1	4	2	2	22221	1	1
126	73	VOLK	412	4232022162	29174	2	1	3	3	3	3	3	3	3	3	3	1	1	1	2	2	22221	1	1
127	73	VOLK	SEDA	1332149162	9611	1	4	2	4	2	3	2	3	4	4	1	1	2	1	2	2	22221	2	1
076	72	AMC	GREM	A2A465E145666	56440	1	4	4	3	3	3	4	3	3	3	1	1	1	4	2	2	22221	1	1
077	72	BUIC	SKYL	4H39H2Z1U3905	34203	2	3	1	3	3	3	3	3	4	3	1	1	1	1	2	2	22221	1	1
078	72	CADI	DEVI	6D47R2021+679	44833	1	4	3	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	1	1
079	72	CHEV	VEGA	1V1182U316506	31919	1	4	2	4	2	3	2	3	4	4	1	1	2	1	2	2	22221	1	1
080	72	CHEV	CHEL	1D37M2L507357	54494	1	4	3	4	4	2	2	4	4	4	1	1	1	2	2	2	22221	1	1
081	72	CHEV	MONT	1M5712456+227	58353	2	2	3	3	3	3	2	2	4	3	1	1	1	4	3	2	22221	1	1
082	72	CHEV	NOVA	1X69U2L140224	66912	1	4	4	3	3	2	3	4	2	3	3	1	2	3	2	2	22221	1	1
083	72	CHEV	IMPA	1M69R2C175656	42042	1	4	3	3	2	3	2	3	3	3	1	1	2	2	2	2	22122	1	1
084	72	CHEV	KING	1M45R2C125355	64547	2	4	4	4	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
085	72	DODG	CORO	WH45G2A211371	59973	1	4	3	3	3	2	3	4	4	3	1	1	2	1	2	2	22221	1	1
086	72	FORD	PINT	2R12X186256	63691	2	3	2	2	3	3	2	3	4	4	1	1	2	1	2	2	22221	1	1
087	72	FORD	TORI	2A42F165640	26905	1	4	2	4	2	3	4	2	4	3	1	1	2	3	2	2	22221	1	1
088	72	FORD	MUST	2F01L210962	56041	1	4	3	3	3	2	2	3	4	3	1	1	1	2	2	2	22221	1	5

APPENDIX B (CONTD)

CALIFORNIA

VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	H2S
089	72	FORD	TORI	2A30H198320	18559	1	2	3	3	2	3	3	1	2	3	1	2	2	2	2	2	22221	1	1
090	72	FORD	LTD	2J76S190879	38846	2	3	2	2	4	3	1	1	4	2	1	1	2	4	3	2	22221	6	1
091	72	MERC	MONT	2M08M532974	38059	1	4	2	3	2	3	2	3	4	3	1	2	2	2	2	2	22221	2	1
092	72	OLDS	DELT	3L5TK2X122115	61404	1	4	4	4	2	3	2	4	4	3	3	1	1	2	2	2	22221	1	1
093	72	PLYM	DUST	VL29C62841353	41550	1	4	3	4	3	2	2	4	4	3	1	1	2	2	2	2	22221	1	1
094	72	PLYM	SATE	RP23M2C223926	31302	2	4	2	3	2	3	2	3	4	3	1	1	4	5	2	2	22221	1	1
095	72	PONT	BONN	2N57V2C320709	74737	1	4	5	4	3	2	2	3	4	3	1	1	2	4	2	2	22221	1	1
096	72	PONT	CATA	2135K2C324359	56232	1	4	3	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	1	2
097	72	DATS	510	PL510404316	23473	1	4	2	3	3	3	2	3	3	3	1	4	4	5	2	2	22221	1	1
098	72	TOYO	COKO	RT63011621	79072	1	4	5	3	2	3	3	3	4	2	2	1	2	1	2	2	22221	6	1
099	72	VOLK	SEDA	1122366151	74043	2	1	5	3	2	3	2	3	2	3	1	1	2	1	2	2	22221	1	1
100	72	VOLK	SQUA	3622023463	38613	2	4	3	2	3	3	4	2	4	3	1	1	1	1	2	2	22221	1	1

APPENDIX B

LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	H2S
001	75	CHEV	C10	CCV145S126879	16745	1	2	5	4	3	2	1	4	4	1	1	1	1	1	2	2	22221	3	1
002	75	CHEV	C10	CCV145S164664	12682	1	2	1	3	2	3	3	2	4	3	1	1	1	1	2	2	22221	2	1
003	75	CHEV	C10	CCY145S136658	7956	1	3	2	3	2	3	3	2	4	3	1	1	1	1	2	2	22221	2	1
004	75	GMC	1500	TCY145S505402	7663	1	2	2	4	2	3	2	3	4	3	1	1	2	1	2	2	22221	2	1
005	75	DODG	B100	B11AE5X022085	6754	1	2	3	4	3	2	2	3	3	3	1	1	1	4	2	2	22221	2	1
006	75	FORD	F100	F10HUV85138	14380	1	3	3	4	2	3	2	3	4	3	1	1	3	1	2	2	22221	3	1
007	75	FORD	F100	F10GCV27414	7428	1	3	2	3	2	3	3	3	4	2	1	1	4	5	2	2	22221	2	5
008	75	FORD	F100	F10YKW43365	4291	1	2	3	3	3	3	3	3	4	3	1	1	1	1	2	2	22221	5	5
009	75	FORD	F100	F11YCV27406	14052	1	2	3	3	2	3	2	4	4	3	1	1	2	1	2	2	22221	2	5
010	75	GMC	C15	TCY145S511051	10089	1	2	3	3	2	3	2	4	4	3	2	1	1	1	2	2	22221	2	4
011	75	AMC	GREM	A5C465A153144	5774	1	2	3	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
012	75	BUIC	REGA	4J57H5H172588	8775	1	2	2	3	3	3	3	3	4	3	1	1	1	1	2	2	22221	2	1
013	75	BUIC	ELEC	4X3915H423313	33191	1	3	6	3	3	2	3	3	2	3	1	1	1	1	2	2	22221	5	3
014	75	BUIC	LESA	4P69J5X117826	34544	1	2	6	3	3	2	4	3	2	3	1	1	1	2	2	2	22221	2	3
015	75	CADI	DEVI	6D47S50128120	18628	1	2	4	4	3	3	4	2	4	2	1	1	2	1	2	2	22221	2	1
016	75	CHEV	MONZ	1M27A5C252869	4724	1	2	3	3	3	2	1	4	4	4	1	1	1	1	2	2	22221	2	1
017	75	CHEV	CAMA	10B705N567260	6730	1	2	2	3	2	3	1	1	4	3	1	1	1	1	2	2	22221	2	1
018	75	CHEV	MALI	1C29H5R465205	11592	1	2	2	2	3	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
019	75	CHEV	MALI	1D37H5R437653	40900	1	2	6	3	3	2	3	3	2	3	1	1	1	2	2	2	22221	5	1
020	75	CHEV	CHEL	1D37H5D410797	34843	1	3	6	3	3	2	2	3	4	3	1	1	4	5	2	2	22221	2	1
021	75	CHEV	STAW	1N45U5S120816	9665	2	1	4	4	2	3	3	2	4	3	1	1	4	5	2	2	22221	2	1
022	75	CHRY	CORD	S522M5K303953	6141	1	2	2	4	2	2	3	3	4	1	1	1	1	1	2	2	22221	2	1
023	75	DODG	CORO	WH23G5G126622	6525	1	1	2	2	3	3	2	3	4	3	1	1	1	1	2	2	22221	2	3
024	75	DODG	DART	LH41C5F114288	29981	1	2	5	3	3	3	3	3	3	4	1	2	2	1	2	2	22221	2	1
025	75	FORD	MUST	5F02Y249561	3900	1	1	3	3	3	2	2	4	4	3	1	1	1	1	2	2	22221	2	5
026	75	FORD	MUST	5F04F143263	16711	1	2	5	3	4	2	4	3	2	4	1	1	1	1	2	2	22221	2	1
027	75	FORD	GRAN	5W81L222186	3443	1	2	1	4	2	3	4	2	3	3	1	1	1	1	2	2	22221	2	1
028	75	FORD	CUST	5P53H167163	4035	1	2	3	3	2	3	4	2	4	2	1	1	1	1	2	2	22221	2	1
029	75	FORD	LTD	5B63S135186	20569	1	3	5	3	3	3	3	3	2	3	1	1	3	1	2	2	22221	2	1
030	75	MERC	MARQ	5Z63S518672	42529	1	3	6	3	3	2	2	2	2	2	1	1	1	2	2	2	22221	2	1
031	75	MERC	MONT	5H07H553121	1300	1	1	3	3	1	3	1	3	4	3	1	1	1	1	2	2	22221	2	1
032	75	OLDS	DELT	3N39K5X112801	23367	1	2	4	3	3	2	4	4	4	3	1	4	4	2	2	2	22221	2	1
033	75	OLDS	DELT	3N57K5M257655	24884	1	2	5	3	3	2	3	3	2	3	1	1	1	4	2	2	22221	2	1
034	75	OLDS	STAW	3K45T5X127073	5278	1	2	2	3	4	3	3	2	4	3	1	1	1	1	2	2	22221	6	3
035	75	PLYM	FURY	RP23G5G194116	3674	1	1	4	3	2	3	1	2	1	3	1	1	1	1	2	2	22221	2	1

APPENDIX B (CONTD)

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	H2S
036	75	PLYM	DUST	VL29C5G190251	4181	1	2	3	3	2	3	2	3	3	3	2	1	1	1	2	2	22221	5	4
037	75	PONT	CATA	2L57R5X112100	8902	2	2	2	3	3	3	3	3	3	3	3	4	4	5	2	2	22221	2	3
038	75	PONT	VENT	2Y27H5L103947	8736	1	3	2	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	2	1
039	75	PONT	BONN	2P49R5P203009	8563	1	2	4	3	2	2	2	3	3	4	1	1	1	1	2	2	22221	2	4
040	76	MERC	CAPR	GAECRL35691	6683	1	2	3	3	2	2	3	4	2	2	1	1	1	1	2	2	22221	2	1
041	75	DATS	B210	HLB210098755	3395	1	1	4	2	3	3	2	3	3	3	1	1	1	1	2	2	22221	1	1
042	75	HOND	STAW	WBA1005599	1047	1	1	2	4	2	3	4	2	4	3	1	1	1	5	2	2	22221	1	1
043	75	TOYO	CELI	RA22062708	2282	1	1	4	3	3	3	3	4	4	3	1	1	1	1	2	2	22221	1	1
044	75	VOLK	SEDA	1352134558	18387	1	2	5	3	2	2	1	4	4	1	1	1	1	1	2	2	22221	1	1
045	75	VOLK	RABB	1753243655	10680	1	2	3	2	3	2	1	1	4	1	1	1	1	1	1	2	22221	1	5
231	75	AMC	GREM	A5E465E129382	5987	1	2	2	3	3	2	3	3	3	2	1	1	1	1	2	2	22221	2	1
232	75	AMC	MATA	A5A857M102623	9540	1	2	2	4	2	4	4	2	4	4	1	1	1	1	2	2	22221	2	1
233	75	AMC	MATA	A5A167N308177	5545	1	1	2	4	2	4	2	2	4	4	1	1	1	1	2	2	22221	5	1
234	75	BUIC	APOL	4B69C5K134948	2668	1	1	2	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	2	1
235	75	BUIC	CNTY	4H57C5H181306	27096	1	2	6	3	3	2	2	3	2	4	1	1	1	1	2	2	22221	2	1
236	75	BUIC	CNTY	4F35J5H201555	1478	1	1	3	4	3	3	3	2	4	3	1	1	1	1	2	2	22221	2	1
237	75	BUIC	REGA	4J57H5H208804	6891	1	1	3	4	1	4	2	3	4	3	1	1	1	5	2	2	22221	2	1
238	75	BUIC	LESA	4P57J5X138315	8350	1	2	3	4	2	3	2	4	3	3	1	1	1	1	2	2	22221	2	1
239	75	BUIC	ELEC	4X37T5H479517	10398	1	2	4	3	3	3	2	3	4	3	1	1	2	1	2	2	22221	5	5
240	75	BUIC	ELEC	4V3715H438027	17783	1	2	4	3	2	2	2	3	4	3	1	1	2	1	2	2	2222'	2	1
241	75	CADI	DEVI	6D49S50133684	16945	1	3	3	3	3	3	3	3	3	3	3	4	4	5	3	3	22221	6	5
242	75	CADI	ELDO	6167S50406076	12231	1	2	3	3	2	3	2	3	4	4	1	1	2	1	2	2	22221	2	1
243	75	CADI	DEVI	6D49S50121296	11775	1	2	3	2	3	2	2	4	2	2	1	1	4	1	2	2	22221	5	1
244	75	CHEV	VEGA	1V77B5C123381	2684	1	1	3	3	3	2	2	3	4	3	1	4	4	5	2	2	22221	2	1
245	75	CHEV	VEGA	1V77A5U246926	3430	1	1	4	3	3	3	3	3	4	3	1	1	1	5	2	2	22221	5	5
246	75	CHEV	MONZ	1M2765C260123	7337	1	2	3	3	3	3	4	4	4	4	1	1	4	5	2	2	22221	2	5
247	75	CHEV	CAMA	1Q87D5N587512	4268	1	2	2	3	3	3	2	3	3	4	1	1	1	1	2	2	22221	2	1
248	75	CHEV	NOVA	1X27G5W129685	6843	1	2	2	4	2	3	3	3	3	3	1	1	1	1	2	2	22221	2	4
249	75	CHEV	CAMA	1Q87H5N602916	2845	1	2	1	3	2	3	2	2	4	4	1	1	1	1	2	2	22221	2	1
250	75	CHEV	NOVA	1X17G5K104327	6598	1	2	2	3	2	3	4	2	3	3	1	1	1	1	3	2	22221	2	1
251	75	CHEV	MALI	1C29D5R509088	6312	1	2	4	3	3	1	4	1	4	1	1	1	1	1	3	2	22221	2	5
252	75	CHEV	MALI	1D29H5R481549	14343	1	2	5	3	3	2	3	3	2	4	3	1	4	5	2	2	22221	5	1
253	75	CHEV	MONT	1H57H5B451611	7818	2	1	2	3	3	2	2	3	3	3	1	1	1	1	2	2	22221	2	3
254	75	CHEV	CAMA	1Q87H5N596999	4138	1	2	2	2	4	3	1	1	4	4	1	1	4	1	2	2	22221	2	1
255	75	CHEV	MONT	1H57H5K415462	2714	1	1	2	4	2	4	1	2	4	3	1	1	1	1	2	2	22221	2	1
256	75	CHEV	CAPR	1N67U5S150233	8692	2	2	3	4	3	2	2	3	4	3	1	1	1	1	2	2	22221	5	1
257	75	CHEV	MONT	1H57H5R176100	5984	1	2	2	3	3	3	4	3	4	3	1	1	2	1	2	2	22221	2	3
258	75	CHEV	IMPA	1L69H5J101992	10656	1	2	2	3	2	3	4	2	3	3	1	1	1	1	2	2	22221	2	1
259	75	CHEV	CAMA	1S87H5N531696	19814	1	2	2	3	3	2	1	3	3	4	1	1	1	2	1	2	22221	2	4
260	75	CHEV	CAPR	LN67H5S139103	8150	1	1	5	3	2	3	3	3	2	3	1	1	1	1	2	2	22221	6	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	H2S
261	75	CHEV	CAMA	1Q87L5N554202	11129	1	2	3	3	2	3	2	3	4	3	1	1	2	2	2	2	22221	2	1
262	75	CHEV	MONT	1H57H5K408906	21953	1	2	4	3	2	2	2	2	2	4	1	1	1	1	2	2	22221	5	4
263	75	CHEV	STAW	1N4545S173550	4382	1	1	4	3	2	3	3	2	4	2	1	1	1	1	2	2	22221	2	1
264	75	CHEV	KING	1N45U5J119029	17512	1	2	5	3	3	2	2	3	2	3	1	1	1	1	2	2	22221	2	1
265	75	CHEV	CAPR	1N34Y5S132520	8630	1	2	3	3	2	3	3	3	4	3	1	1	2	4	2	2	22221	2	2
266	75	CHEV	CHEL	1C29H5R436572	14206	1	2	3	3	2	2	2	4	4	4	1	1	2	1	2	2	22221	2	1
267	75	CHRY	CORD	SS22K5R274508	6041	1	2	3	4	2	2	2	4	3	4	1	1	1	1	3	2	22221	1	5
268	75	CHRY	STAW	CP46T5DL54065	35547	1	2	6	3	3	2	2	3	2	3	1	1	1	1	1	2	22221	2	4
269	75	DODG	DART	LL29C5B235631	2813	1	1	3	4	2	4	3	2	4	4	1	1	1	1	2	2	22221	2	5
270	75	DODG	DART	LL2965G112252	7044	1	2	2	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	5	4
271	75	DODG	CHAR	XS22K5R135023	10812	2	2	3	4	2	3	2	3	3	3	1	1	1	2	2	2	22221	2	1
272	75	DODG	CHAR	XS22K5R352444	1856	1	1	2	3	2	3	3	3	4	3	1	1	1	1	2	2	22221	2	3
273	75	DODG	CHAR	XS22K5R190540	6858	1	2	4	3	2	3	3	3	2	4	1	1	2	1	2	2	22221	2	3
274	75	DODG	MONA	DM41K5U133515	13300	2	2	3	3	2	3	4	2	4	3	1	1	1	1	2	2	22221	2	1
275	75	FORD	MUST	5F02Y155423	5276	1	2	2	4	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
276	75	FORD	MUST	5F02Y224530	5120	1	2	4	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	2	1
277	75	FORD	MUST	5F03Z108475	9269	1	2	3	3	2	3	4	2	4	2	1	1	1	1	2	2	22221	2	1
278	75	FORD	PINT	5X11Y227581	10273	1	2	4	3	2	2	2	2	3	2	1	1	1	1	2	2	22221	3	1
279	75	FORD	GRAN	5W83L206736	3605	1	1	1	4	1	4	2	3	4	4	1	4	4	5	2	2	22221	2	1
280	75	FORD	GRAN	5W84F176867	10503	1	2	3	3	2	3	2	3	3	2	1	1	1	1	2	2	22221	2	1
281	75	FORD	MAVE	5K92F105942	5389	1	2	2	3	2	3	4	1	4	4	1	1	1	1	2	2	22221	2	1
282	75	FORD	ELIT	5G21H234366	2731	1	1	1	3	3	3	3	3	3	3	3	1	1	1	2	2	22221	2	1
283	75	FORD	STAW	5A40H146214	6514	1	2	2	4	2	4	2	3	4	4	1	1	1	1	2	2	22221	2	1
284	75	FORD	LTD	5U65S121382	6645	1	2	3	4	3	2	2	3	4	3	1	1	4	5	2	2	22221	2	5
285	75	FORD	ELIT	5G21H165997	17055	1	2	4	3	2	3	2	3	4	2	1	1	2	1	2	2	22221	2	1
286	75	FORD	GRAN	5W84H152872	13513	1	2	5	3	3	2	3	3	2	4	1	1	1	1	2	2	22221	5	3
287	75	FORD	CUST	5U53H159247	5623	1	2	3	3	3	2	2	3	4	3	1	1	1	1	2	2	22221	2	1
288	75	FORD	TORI	5A36H141054	15571	1	2	4	3	2	3	3	3	2	3	1	1	1	2	2	2	22221	5	1
289	75	FORD	LTD	5U65S151181	16793	1	2	5	3	3	2	3	3	2	3	1	1	1	1	2	2	22221	2	1
290	75	FORD	LTD	5U66S111267	13078	1	2	3	3	2	3	2	3	3	3	3	1	2	1	2	2	22221	2	1
291	75	FORD	STAW	5U76S138537	16652	1	2	4	3	3	2	2	3	3	3	1	1	2	1	2	2	22221	5	1
292	75	FORD	LTD	5U66S160344	7357	1	2	3	2	3	3	2	3	3	3	1	1	1	1	2	2	22221	2	1
293	75	FORD	THUN	5Y87A104369	8264	1	2	3	4	3	3	4	2	4	3	1	1	1	1	2	2	22221	2	1
294	75	LINC	CONT	5Y81A892556	8404	1	2	3	3	3	3	2	3	3	3	1	1	1	1	2	2	22221	2	1
295	75	MERC	MONA	5W37F516510	9037	1	2	3	3	2	3	3	3	3	3	1	1	4	5	2	2	22221	2	3
296	75	MERC	MONA	5W38F504709	7240	1	2	2	3	2	2	3	1	4	3	1	4	4	5	2	2	22221	2	5
297	75	MERC	STAW	5H08H506029	6564	1	2	3	4	2	3	1	3	4	3	1	1	1	1	2	2	22221	2	1
298	75	MERC	MARQ	5Z63S522240	9036	1	2	3	4	2	1	3	3	2	3	1	1	1	1	2	2	22221	2	2
299	75	OLDS	STAR	3107C52123302	3832	1	1	1	4	2	3	2	3	2	3	1	1	1	1	2	2	22221	1	4
300	75	OLDS	CUTL	3F37F5M207255	6019	1	2	2	3	2	3	4	1	4	1	1	1	1	1	3	2	22221	2	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	H2S
301	75	OLDS	CUTL	3G37K5M309085	7880	1	2	4	3	3	2	3	3	2	3	1	1	1	1	2	2	22221	2	1
302	75	OLDS	CUTL	3K57K5M250102	16852	1	2	6	3	3	2	3	3	2	3	1	1	4	5	2	2	22221	2	1
303	75	OLDS	CUTL	3J57K5R130716	14705	1	2	4	4	2	3	2	3	3	3	1	1	2	1	2	2	22221	2	5
304	75	OLDS	NNTY	3V37T5M354150	6022	1	1	5	3	3	2	3	3	2	3	1	1	1	5	2	2	22221	2	1
305	75	OLDS	DELT	3N67K5M307473	6501	1	2	3	3	2	3	3	2	3	3	1	1	1	1	2	2	22221	2	4
306	75	OLDS	NNTY	3V39T5M165234	9879	1	1	6	3	4	2	3	2	4	2	1	1	1	1	2	2	22221	2	5
307	75	PLYM	VALI	VL41C5F125014	2993	1	1	2	4	2	3	2	3	3	4	1	1	1	1	2	2	22221	2	1
308	75	PLYM	VALI	VL41G5b252224	4656	1	2	1	3	3	3	4	3	4	3	1	1	1	1	2	2	22221	2	2
309	75	PLYM	STAW	RP45G5A159605	15217	1	2	3	2	3	3	3	3	4	3	1	4	4	5	2	2	22221	2	3
310	75	PLYM	FURY	RP23G5G179531	2107	1	1	2	3	2	3	3	2	4	3	1	1	1	1	2	2	22221	2	1
311	75	PLYM	STAW	RP46G5A217305	3054	1	2	2	3	3	3	3	3	4	3	1	1	1	1	2	2	22221	5	4
312	75	PLYM	STAW	PH46M5D150790	5580	1	2	4	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	5	4
313	75	PLYM	STAW	RP46K5A165129	9350	1	2	4	3	3	3	2	3	2	3	1	1	1	1	2	2	22221	5	4
314	75	PONT	ASTR	2V77B5C104379	5245	1	2	1	4	1	4	4	1	4	4	2	1	4	2	2	2	22221	2	1
315	75	PONT	VENT	2Z69F5W124588	829	1	1	2	3	3	3	3	3	2	3	1	1	1	1	2	2	22221	5	2
316	75	PONT	FIRE	2S87M5N516286	7901	1	2	2	3	2	3	3	3	4	2	1	1	1	1	2	2	22221	2	1
317	75	PONT	FIRE	2S87M5N522172	16197	1	2	4	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	2	3
318	75	PONT	CATA	2L69R5P192321	11412	1	2	5	3	2	3	3	2	3	3	1	1	2	1	2	2	22221	2	1
319	75	PONT	CATA	2L69R5X104529	13577	2	2	3	3	3	3	3	3	3	3	3	4	4	5	3	3	22221	2	5
320	75	PONT	GRNP	2K57S5A156470	6141	1	2	4	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	2	5
321	75	PONT	BONN	2P49P5X130308	15488	1	2	4	3	3	2	2	3	3	4	1	1	1	1	2	2	22221	2	1
322	75	AUDI	FOX	8452105113	622	1	1	1	4	2	3	2	3	4	3	1	4	4	5	2	2	22221	1	1
323	76	MERC	CAPR	GAECRD22857	2521	1	1	3	3	2	2	3	3	3	3	1	1	1	1	2	2	22221	2	1
324	76	MERC	CAPR	GAECPG05555	15979	1	2	5	4	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
325	75	DODG	COLT	6M21K55107158	6720	1	2	4	3	2	3	2	3	4	3	1	1	1	5	2	2	22221	1	1
326	75	DATS	710	JHL710843360	2750	1	1	5	2	3	3	2	3	4	3	1	1	1	1	2	2	22221	5	1
327	75	DATS	B210	HLB210557023	6747	1	2	4	4	2	3	2	3	4	3	1	1	1	1	2	2	22221	1	1
328	75	DATS	710	JHL710049523	3292	1	2	3	3	2	3	2	3	4	3	1	1	1	1	2	2	2222/	/	/
329	75	FIAT	131S	131A30055942	6395	1	1	4	3	2	2	4	3	2	3	3	1	1	1	3	2	22221	6	1
330	75	FIAT	X119	128AS0032327	6201	1	2	2	3	3	3	2	4	4	3	1	1	1	1	2	2	22221	2	1
331	75	HOND	CVCC	SGE1019265	6692	1	2	3	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	1	1
332	75	MAZD	STAW	SS124W163635	6683	1	2	5	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	5
333	75	MAZD	STAW	SS124W164298	2949	1	2	3	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
334	75	MERC	BENZ	1406012113239	11123	1	2	3	3	2	3	4	2	4	3	1	1	1	1	2	2	22221	2	1
335	75	MG	MGB	GHN5UF377225	5702	1	1	3	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	1	1
336	75	OPEL	STAW	OL15N55072981	5450	1	1	3	4	3	2	2	3	4	3	1	1	1	1	2	2	22221	2	1
337	75	OPEL	1900	OL11N55072047	1516	1	1	4	3	2	2	2	4	2	3	1	1	1	1	2	2	22221	2	1
338	75	PORS	914	4752909843	1735	1	1	1	3	3	3	3	3	4	3	1	1	1	1	2	2	22221	1	1
339	75	TOYO	CORO	TE31057340	6724	1	2	3	3	3	2	2	3	3	3	1	1	1	1	2	2	22221	1	1
340	75	TOYO	CELI	RA2200e710	5193	1	2	4	4	2	3	2	3	3	4	1	1	1	1	2	2	22221	1	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	UPER	D	LEAD	H2S
341	75	TOYO	CORO	TE31018308	5497	1	2	2	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	1	1
342	75	VOLK	SEDA	1352251193	3954	1	1	4	4	2	3	2	4	4	4	1	1	1	1	2	2	22221	1	1
343	75	VOLK	RABB	1753210305	6586	1	2	2	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
344	75	VOLK	RABB	1753422369	472	1	1	1	3	2	3	4	2	4	2	1	1	1	1	3	2	22221	2	1
345	75	VOLV	244	24415B1024172	2046	1	2	2	4	2	3	2	3	4	3	1	4	1	1	2	2	22221	1	1
046	74	AMC	GREM	A4E465E236553	39239	1	3	3	4	2	3	3	3	4	3	2	1	2	1	2	2	22221	1	1
047	74	BUIC	ELEC	4V39T4H458136	32208	1	3	5	3	3	2	4	4	1	3	1	1	1	2	2	2	22221	1	1
048	74	BUIC	REGA	4J57H45169586	12651	1	3	3	3	2	3	3	3	4	3	1	1	1	1	2	2	22221	1	1
049	74	CHEV	VEGA	1V15A4U269472	29178	1	3	5	3	3	3	3	3	3	3	1	1	1	2	2	2	22221	3	1
050	74	CHEV	MALI	1D37H4K415763	24535	1	3	3	2	3	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
051	74	CHEV	NOVA	1X27D4K130257	9602	1	3	2	3	2	3	2	3	4	3	1	1	2	4	2	2	22221	1	1
052	74	CHEV	NOVA	1Y27H4K116758	8555	1	3	2	3	2	3	3	3	4	2	1	2	2	1	2	2	22221	2	1
053	74	CHEV	IMPA	1L57H4S185885	19211	1	3	2	2	3	3	2	3	3	3	2	1	1	4	2	2	22221	1	1
054	74	CHEV	IMPA	1L45U4S111865	27757	2	2	2	3	2	3	3	2	4	3	1	1	1	2	2	2	22221	1	1
055	74	DODG	CHAR	WP29G4A279653	15309	2	2	3	3	3	3	3	3	2	3	1	1	1	2	2	2	22221	1	1
056	74	DODG	DART	LL29C4B425083	18316	2	2	2	3	2	3	3	3	4	2	1	1	2	1	2	2	22221	1	1
057	74	FORD	MUST	4102Y250709	33969	1	3	4	3	2	3	2	3	4	3	1	1	1	1	2	2	22221	2	1
058	74	FORD	TORI	4H27F190051	31766	1	3	3	4	4	2	1	1	4	2	2	2	2	2	2	2	22221	1	1
059	74	FORD	MAVE	4K92L211124	5372	1	2	2	4	3	3	1	1	4	4	1	1	1	1	2	2	22221	1	1
060	74	FORD	GALA	4G58H153426	35066	1	2	3	3	2	3	3	3	2	3	1	1	1	1	2	2	22221	1	1
061	74	FORD	LTD	4G63S112449	32519	1	3	5	3	3	2	4	3	3	2	1	1	1	2	2	2	22221	1	1
062	74	LINC	MRK4	4Y89A866990	13848	1	3	2	4	1	3	3	3	3	3	1	1	1	1	2	2	22221	1	1
063	74	MERC	MONG	4H11H590397	16292	1	3	3	4	3	2	2	2	4	3	1	1	1	2	2	2	22221	1	1
064	74	OLDS	CUTL	3J57K4R102560	41591	1	3	6	3	3	3	3		2	3	1	1	1	1	2	2	22221	1	1
065	74	OLDS	STAW	3R45T4M257623	28939	2	3	3	4	2	2	1	1	4	1	1	1	3	1	2	2	22221	6	1
066	74	OLDS	REGE	3X39T4M133588	27889	1	2	3	3	3	2	2	3	3	4	1	1	1	1	2	2	22221	1	1
067	74	PLYM	SCAM	VH23G4G129593	24970	1	4	3	3	2	3	4	2	4	2	1	1	3	1	2	2	22221	1	1
068	74	PLYM	VALI	VL4104R158192	28935	1	3	3	4	2	3	2	3	4	4	1	1	1	4	2	2	22221	1	1
069	74	PONT	CATA	2L69R4X119810	27902	2	3	3	3	3	3	3	3	3	3	3	1	3	5	2	2	22221	1	1
070	74	PONT	LEMA	2G37M4A183984	17173	1	2	4	4	3	2	3	3	3	3	1	1	4	5	2	2	22221	1	1
071	74	DATS	610	ML610-005023	20890	1	3	3	2	3	2	3	3	3	2	1	2	2	1	2	2	22122	1	5
072	74	MAZD	RX3	S124A169894	12042	1	2	4	3	3	3	2	3	2	4	1	1	1	1	2	2	22221	3	1
073	74	TOYO	CORO	TE28554433	12352	1	3	2	4	2	4	1	1	4	4	1	1	1	1	2	2	22221	1	1
074	74	VOLK	SEDA	1542294363	26312	1	3	3	4	2	3	4	1	4	4	1	1	1	1	2	2	22221	1	1
075	74	VOLK	SEDA	1142094578	28712	1	3	5	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	1	1
346	74	BUIC	ELEC	4X39T4M441702	25957	1	3	3	3	2	2	4	2	4	2	1	1	1	2	2	2	22221	1	1
347	74	CADI	DEVI	6D47K4Q171874	21112	1	4	2	3	3	3	3	3	3	3	1	2	2	1	2	2	22221	1	1
348	74	CHEV	MONT	1H57H4R444358	22093	2	2	4	3	3	2	1	1	4	3	1	1	2	1	2	2	22221	1	1
349	74	CHEV	MALI	1D29H4R443720	6096	1	3	2	4	2	3	2	3	4	3	1	1	3	1	2	2	22221	1	5
350	74	CHEV	IMPA	1L47H4S141297	16383	1	3	2	4	1	4	1	4	4	4	1	1	2	4	2	2	22221	1	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	M2S
351	74	CHEV	CAPR	1N35U4S150601	17069	1	3	3	4	3	3	3	3	4	3	1	1	3	1	2	2	22221	1	1
352	74	CHRY	NEWP	CL41M4C209306	26580	1	2	5	3	3	3	3	3	2	3	1	1	1	1	2	2	22221	6	1
353	74	DODG	DART	LH23C46256088	13902	1	3	3	3	2	3	2	1	4	1	1	1	1	2	2	2	22221	2	3
354	74	FORD	ELIT	4G21M248948	12822	1	3	3	3	2	2	2	3	4	3	1	1	2	1	2	2	22221	2	1
355	74	FORD	STAW	4G76S122590	22699	1	3	3	3	2	3	3	3	4	3	1	1	1	1	2	2	22221	1	1
356	74	FORD	LTD	4G63S134007	27560	1	3	3	3	3	2	2	3	4	3	1	1	1	2	3	2	22221	3	5
357	74	MERC	MARQ	4Z62A509865	25061	2	3	3	4	3	3	3	3	3	3	1	1	1	2	2	2	22221	1	1
358	74	OLDS	CUTL	3H45K4R114338	19377	1	3	3	3	3	3	3	3	4	3	1	1	2	2	2	2	22221	1	1
359	74	PLYM	SATE	RP23G4G140340	24053	1	4	3	1	1	1	1	1	4	3	1	1	1	2	2	2	12222	1	1
360	74	PONT	FIRE	2S87M4N127245	18141	1	3	3	2	3	4	2	3	4	4	1	1	1	2	2	2	22221	1	1
361	74	PONT	FIRE	2U87N4N111294	27832	2	2	3	4	2	3	2	3	4	3	1	1	2	4	3	2	22221	1	1
362	74	MERC	CAPR	GAECNK31443	10070	1	3	2	2	3	3	2	2	3	4	1	1	3	1	2	2	22221	1	1
363	74	DATS	B210	HLB210408682	22859	2	3	3	4	2	3	1	1	4	4	1	1	3	1	2	2	22221	1	1
364	74	OPEL	MANT	OLL578046254	24770	1	3	3	3	3	3	2	3	4	1	1	1	1	2	2	2	22221	1	1
365	74	TOYO	CORO	PT104026431	16825	1	3	3	3	3	3	3	3	4	3	1	1	2	1	2	2	22221	1	5
101	73	AMC	STAW	A3S087E180653	17500	1	4	2	4	2	3	3	2	3	4	1	1	1	2	2	2	22221	1	1
102	73	BUIC	CNTR	4P67T3X190607	32510	1	3	4	3	3	3	3	3	3	3	1	1	1	2	2	2	22221	2	1
103	73	CADI	DEVI	6D49R3Q107397	29055	2	2	3	3	3	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
104	73	CHEV	VEGA	1V77B3U128338	42481	2	3	4	3	3	2	2	3	4	3	1	1	1	4	2	2	22221	1	1
105	73	CHEV	CHEL	1C37H3K501669	34168	1	4	3	3	2	3	2	2	3	3	1	1	2	2	2	2	22221	1	1
106	73	CHEV	NOVA	1X27H2L149043	37366	1	4	3	3	2	3	1	3	4	3	1	1	2	1	3	2	22221	1	1
107	73	CHEV	IMPA	1L69H3S137736	38545	1	4	4	3	2	2	4	3	1	3	1	1	1	1	2	2	22221	2	5
108	73	CHEV	IMPA	1L47H3J311438	22497	1	4	3	3	3	2	2	3	4	3	1	1	1	2	2	2	22221	1	1
109	73	CHEV	CAPR	1N47R3S254349	27105	1	4	3	4	3	3	3	3	4	3	1	1	2	2	2	2	22221	1	1
110	73	DODG	DART	LL41C3R343552	9057	1	3	1	3	2	3	4	2	4	3	1	1	3	1	2	2	22221	1	1
111	73	FORD	PINT	3T12X307633	33003	1	4	4	3	3	2	2	3	3	3	1	1	1	1	2	2	22221	1	1
112	73	FORD	TORI	3A30H119913	36652	1	4	3	4	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
113	73	FORD	MAVE	3K92F212354	22436	1	4	3	3	3	3	4	3	3	3	1	1	2	2	2	2	22221	1	1
114	73	FORD	TORI	3A30H124077	50897	1	3	5	4	3	3	2	3	3	3	1	1	1	2	2	2	11222	6	1
115	73	FORD	STAW	3G76S200957	34876	1	4	4	3	3	3	2	3	4	3	1	1	2	2	2	2	22221	1	1
116	73	MERC	STAW	3276S624460	45671	1	4	5	4	3	3	3	3	3	3	1	1	1	1	2	2	22221	1	1
117	73	OLDS	TORO	3Y57H3M734605	40335	2	1	1	4	4	2	2	3	4	3	1	1	4	5	2	2	22221	1	1
118	73	OLDS	CUTL	3J29K3R171545	32907	1	4	3	4	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
119	73	PLYM	SATL	RP23G3G185091	36448	1	4	3	3	3	2	2	3	4	3	3	1	4	5	2	2	22221	1	1
120	73	PLYM	VALI	VL29C3G225461	21477	1	4	2	2	3	3	4	4	1	4	3	2	2	2	2	2	22221	1	1
121	73	PONT	CATA	2L69R3P149648	34671	1	4	3	4	1	4	1	4	4	4	1	1	1	4	2	2	22221	1	1
122	73	PONT	LEMA	2D37M3A258462	16821	1	4	2	3	3	2	2	3	4	4	1	1	2	2	2	2	22221	1	1
123	73	DATS	510	PL510431574	45834	1	4	4	4	3	2	2	3	4	4	1	1	1	2	2	2	22221	1	1
124	73	OPEL	GT	0Y07NC3270984	14863	1	3	2	3	2	3	2	3	4	3	1	1	2	2	2	2	22221	1	1
125	73	TOYO	CORO	TE28578526	56923	2	2	2	3	3	3	3	3	3	3	1	1	1	1	2	2	22221	1	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	H2S
126	73	VOLK	412	4232068917	14893	1	3	2	4	2	3	2	2	3	3	1	1	3	1	2	2	22221	1	1
127	73	VOLK	SEDA	1132486552	27247	2	2	2	4	2	3	2	3	4	4	1	1	2	2	2	2	22221	1	1
366	73	BUIC	REGA	4J57H3H204879	27979	1	4	3	3	2	3	1	2	3	1	1	1	3	1	2	2	22221	1	1
367	73	BUIC	CNTY	4H57H3H146183	37491	1	4	4	3	2	3	2	3	4	3	1	1	3	4	2	2	22221	1	1
368	73	BUIC	STAW	4R35T3X152125	16522	1	4	2	4	2	3	4	3	3	1	1	1	1	2	2	2	22221	1	5
369	73	CHEV	VEGA	1V77B3U386305	31026	2	2	1	4	1	4	1	4	4	4	1	1	2	4	2	2	22221	1	1
370	73	CHEV	NOVA	1X27D3L171498	26929	1	4	2	3	3	2	2	3	4	3	1	1	1	3	2	2	22221	1	1
371	73	CHEV	ELCA	1D80H3K531960	45920	2	3	4	3	3	3	2	3	4	3	1	1	2	4	2	2	22221	1	1
372	73	CHEV	CAPR	1N69R3S176562	35194	1	4	3	3	2	2	4	3	3	3	1	1	2	1	2	2	22221	1	1
373	73	CHEV	STAW	1N35X3S105811	74124	2	3	6	4	3	3	4	3	1	4	1	1	1	2	2	2	22221	1	1
374	73	CHRY	NEWP	CL41M3C317458	28262	1	3	3	3	2	3	2	3	4	3	1	1	2	1	2	2	22221	1	1
375	73	DODG	CHAR	WP29G3G248751	19553	1	3	3	4	3	3	3	3	4	3	1	2	3	1	2	2	22221	1	5
376	73	DODG	POLA	NL45K3D148011	56084	1	4	4	4	4	3	3	3	4	3	1	1	1	2	2	2	22221	1	1
377	73	FORD	PINT	3X12X313859	30531	2	2	3	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	1	1
378	73	FORD	TORI	3A31H308305	34725	1	4	3	3	2	3	2	3	4	3	1	1	2	2	2	2	22221	6	1
379	73	FORD	STAW	3G76S212735	40011	2	2	2	3	3	3	4	3	4	3	1	1	1	1	2	2	22221	1	1
380	73	FORD	THUN	3J87A146778	28696	2	2	4	4	2	3	2	4	4	3	1	1	1	4	1	2	22221	1	1
381	73	MERC	MONG	3H04F636332	14201	1	4	2	4	2	3	4	2	4	3	1	1	1	4	2	2	22221	1	1
382	73	OLDS	VIST	3J49K3M215651	49374	1	4	3	4	3	2	3	3	4	2	3	2	2	4	2	2	22221	1	1
383	73	OLDS	NNTY	3X39U3M355278	35181	1	4	4	3	2	3	4	3	3	3	1	1	4	1	2	2	22221	1	1
384	73	PLYM	SATE	RH23G3G235376	11474	1	4	2	4	2	3	4	3	4	3	1	1	3	1	2	2	22221	1	1
385	73	PONT	VENT	2Y17M3L112483	36007	2	2	2	4	1	4	2	2	4	4	3	1	1	1	3	3	22221	1	1
386	73	PONT	GRNV	2P67W3P129174	41405	2	2	2	3	2	3	3	2	4	3	1	1	1	2	2	2	22221	1	1
387	73	FORD	CAPR	GAECNJ96724	22089	1	4	2	3	3	3	3	3	4	3	1	1	2	3	2	2	22221	1	1
388	73	MAZD	RX3	S124W148116	34877	2	2	3	3	4	3	2	4	4	3	1	1	2	2	2	2	22221	3	1
076	72	AMC	GREM	A2A465A307046	48315	1	4	4	4	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
077	72	BUIC	RIVI	4Y87U2H908130	54351	1	4	4	2	3	3	3	3	2	3	1	1	1	2	2	2	22221	1	1
078	72	CADI	FLEE	6Q1691Q180717	50618	1	4	3	3	2	4	3	3	3	3	1	1	1	1	3	2	22221	1	1
079	72	CHEV	VEGA	1V77B2U226411	38774	1	4	3	3	3	2	2	3	4	4	1	1	4	4	2	2	22221	1	1
080	72	CHEV	MONT	1H57H2K646136	34606	1	4	2	4	2	3	2	3	3	3	1	1	1	4	3	2	22221	1	1
081	72	CHEV	MALI	1D37H2K620968	33275	2	3	2	3	2	3	4	2	4	4	1	1	2	4	2	2	22221	1	5
082	72	CHEV	NOVA	1X27F2W333160	33389	1	4	2	4	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	5
083	72	CHEV	IMPA	1M39H2427G341	47043	1	4	3	3	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
084	72	CHEV	CAPR	1N47R2S190766	67045	1	4	4	3	3	3	2	3	3	3	1	1	1	2	2	2	22221	1	1
085	72	DODG	CORO	WL45G2G164729	51005	1	4	4	3	3	3	3	3	4	3	1	1	1	2	2	2	22221	1	1
086	72	FORD	PINT	2X12X349003	22851	1	4	2	3	2	3	3	3	3	3	1	1	1	3	2	2	22221	1	1
087	72	FORD	TORI	2A42H294845	52465	1	4	3	3	2	3	3	3	4	2	1	1	1	1	2	2	22221	1	3
088	72	FORD	MAVE	2K91T126461	65836	1	4	4	3	3	2	2	3	3	4	1	1	1	4	2	2	22221	1	1
089	72	FORD	CUST	2G53H263964	48154	1	4	3	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	1	1
090	72	FORD	STAW	2G76S198865	28582	2	4	2	4	2	3	4	3	4	2	1	1	1	5	2	2	22221	1	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	H2S
091	72	MERC	MONR	2Z56S553651	44228	1	4	3	4	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
092	72	OLDS	CUTL	3G87M2Z133065	49949	1	4	3	3	2	3	3	3	3	2	1	1	1	2	2	2	22221	1	1
093	72	PLYM	DUST	VL29C2B187254	54041	1	4	3	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
094	72	PLYM	FRY3	PM43K2F198042	39199	1	4	2	4	2	3	2	4	3	3	1	1	1	2	2	2	22221	1	1
095	72	PONT	SAFA	2L35R2X321348	67711	1	4	4	4	2	3	4	2	4	3	1	1	2	4	2	2	22221	1	1
096	72	PONT	LEMA	2U37M2P123542	53508	1	4	2	4	1	3	1	2	4	3	1	2	2	2	2	2	22221	1	5
097	72	DATS	510	PL510373383	46561	1	4	4	3	2	2	2	3	3	3	1	1	3	4	1	2	22221	1	1
098	72	TOYO	CORO	RT73001007	57681	2	3	4	3	2	2	2	3	3	2	1	1	1	1	2	2	22221	1	5
099	72	VOLK	SEDA	1122689947	45466	2	3	3	3	2	3	3	3	3	3	2	1	2	2	2	2	22221	1	1
100	72	VOLK	KOMB	2322142230	41381	1	4	3	2	4	3	4	2	4	3	1	1	1	2	2	2	22221	1	1
389	72	AMC	STAW	A2A087A324654	54374	2	3	3	4	3	2	4	1	3	1	1	1	1	2	2	2	22221	1	1
390	72	BUIC	SKYL	4D37M2M217205	42941	1	4	3	3	2	3	3	3	3	3	1	1	1	2	2	2	22221	1	1
391	72	BUIC	LESA	4N57M3X181753	24584	1	3	4	3	3	2	2	3	3	3	1	1	1	4	2	2	22221	2	1
392	72	BUIC	ELEC	4U39T2M466655	62654	1	4	4	3	3	2	4	3	4	3	1	1	1	2	2	2	22221	1	1
393	72	CHEV	VEGA	1V77B2U489557	22181	2	2	3	3	2	3	2	3	3	3	1	1	2	2	2	2	22221	1	1
394	72	CHEV	NOVA	1X27D2W427089	32914	1	4	3	3	2	3	2	2	4	3	1	1	1	4	2	2	22221	1	1
395	72	CHEV	MALI	1D37M2K611952	31466	1	4	3	3	3	3	3	3	3	4	1	1	2	2	2	2	22221	1	3
396	72	CHEV	IMPA	1M69M2S283114	18815	1	4	2	3	2	3	4	2	3	3	1	2	2	1	2	2	22221	1	1
397	72	CHEV	CAPR	1N39B2S228516	58063	1	4	3	3	3	3	4	4	1	3	1	1	1	2	2	2	22221	1	1
398	72	CHRY	NEWP	CL41M2C317979	44859	1	4	3	3	2	3	4	3	2	3	3	1	3	2	2	2	22221	1	1
399	72	DODG	DART	LH23C2B495027	51360	2	3	3	4	2	3	4	4	4	1	1	1	1	2	2	2	22221	1	1
400	72	DODG	POLA	DL23G2G266031	36423	1	4	3	3	2	3	3	2	3	3	1	1	1	2	2	2	22221	1	1
401	72	FORD	PINT	2X12X212772	51978	1	4	3	2	2	3	1	3	4	1	1	1	4	2	2	2	22221	1	1
402	72	FORD	TORI	2A30F171568	72386	2	3	5	2	2	3	2	3	2	3	1	1	1	3	2	2	22221	1	1
403	72	FORD	CUST	2G53M159326	62735	2	2	2	3	3	2	2	3	3	3	1	1	1	4	2	2	22221	1	1
404	72	FORD	GALA	2G54N243289	60318	1	4	4	3	2	3	4	3	4	2	1	1	1	4	2	2	21222	1	1
405	72	LINC	CONT	2Y82A831124	71985	2	3	6	2	3	3	3	3	3	3	3	2	3	2	2	2	22221	1	5
406	72	MERC	MONG	2M11M631112	34417	2	3	4	4	2	3	2	3	4	4	3	1	1	2	2	2	22221	1	1
407	72	OLDS	CUTL	3G87M2R130736	40876	1	4	3	4	2	3	2	3	4	3	1	2	2	4	2	2	22221	1	1
408	72	OLDS	DELT	3L69M2M558786	34194	1	4	3	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
409	72	OLDS	DELT	3N39T2M483946	23567	1	4	2	3	2	3	3	2	4	3	1	1	2	4	2	2	22221	1	1
410	72	PLYM	SATE	RH41G2G148659	24270	1	4	2	4	2	3	4	2	4	3	1	1	1	4	2	2	22221	1	1
411	72	PONT	STAW	2L45R2X329465	17889	1	4	1	3	2	3	3	3	3	3	1	1	3	4	2	2	22221	4	1
412	72	MERC	CAPR	GAECLU02172	57890	1	4	4	3	2	3	3	3	4	3	1	2	2	4	2	2	22221	1	1
413	72	OPEL	57	579661771	43077	1	4	4	3	2	2	2	3	2	2	1	1	1	4	1	2	22221	1	1
128	71	BUIC	ELEC	484391M443727	63090	2	3	3	3	2	3	2	3	4	4	1	1	1	2	2	2	22221	3	1
129	71	BUIC	SKYL	433691M139152	70884	2	4	4	4	2	3	3	3	3	2	1	1	2	2	2	2	22221	1	1
130	71	CHEV	VEGA	141771U147982	48109	2	2	1	3	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
131	71	CHEV	MONT	138571K138099	36931	2	4	2	3	3	3	3	3	3	3	1	1	3	2	2	2	22221	1	1
132	71	CHEV	NOVA	113271W145600	36489	2	3	2	3	3	2	2	3	4	4	1	1	1	4	2	2	22221	1	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	M2S
133	71	CHEV	KING	1643S1S210945	62937	1	4	4	3	3	3	3	3	3	3	1	1	1	2	2	2	22221	1	1
134	71	CHEV	IMPA	164471S246959	37556	1	4	2	4	2	3	2	3	4	3	1	1	2	2	2	2	22221	1	1
135	71	CHRY	300	CS23T1C129066	56649	1	4	4	4	3	2	2	3	4	3	1	1	2	1	2	2	22221	1	1
136	71	DODG	CHAR	WH23G1G237315	102867	1	4	6	3	2	2	2	3	4	3	2	2	2	4	2	2	22221	1	1
137	71	DODG	DART	LL23C1R281178	46597	1	4	3	3	2	3	2	3	4	3	1	1	2	4	2	2	22221	1	1
138	71	FORD	PINT	1X10X294097	22059	1	4	1	4	2	4	2	4	4	4	1	1	1	4	2	2	21222	1	5
139	71	FORD	TORI	1A25F278896	34381	2	3	2	4	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
140	71	FORD	MAVE	1K91T121294	28421	1	4	1	3	2	3	4	1	4	4	1	1	1	2	2	2	22221	1	1
141	71	FORD	LTD	1C62H112549	48320	2	4	4	3	2	2	2	3	4	2	2	1	2	2	2	2	22221	1	1
142	71	FORD	LTD	1G66S192507	46832	2	3	2	4	2	3	4	2	2	1	1	1	2	4	2	2	22221	1	1
143	71	MERC	COUG	1F93M540006	30134	1	4	2	4	2	3	2	3	4	3	1	1	2	2	2	2	22221	1	1
144	71	OLDS	TORO	396571M702300	63573	2	2	4	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
145	71	PLYM	VALI	VH23G1R262158	35856	1	4	2	2	3	3	2	3	4	3	1	2	1	2	2	2	22221	1	1
146	71	PONT	GRNV	268471R363696	30963	1	4	2	3	2	3	1	3	3	3	1	1	2	2	2	2	22221	1	1
147	71	PONT	LEMA	237371Z130250	68349	1	4	3	3	2	3	2	3	4	4	1	1	1	2	2	2	22221	1	1
148	71	DATS	510	PL510899933	51042	2	4	3	4	3	3	4	2	3	4	1	1	1	2	2	2	22221	1	1
149	71	TOYO	CORO	TE2800841	56072	2	2	2	2	3	3	2	3	3	3	3	1	4	5	2	2	22221	1	1
150	71	VOLK	SEDA	1112831181	46609	1	4	3	3	2	3	3	3	4	3	1	1	1	4	2	2	22221	1	1
414	71	AMC	MATA	A1A197M152308	54590	1	4	1	3	2	3	4	2	2	3	1	1	1	4	2	2	22221	1	1
415	71	BUIC	ELEC	462391M428317	74441	2	4	4	3	3	3	4	3	4	3	1	1	1	4	1	1	22221	1	1
416	71	CADI	DEVI	6834710154133	45590	2	1	2	3	3	3	3	3	3	3	2	1	4	5	3	2	22221	1	5
417	71	CHEV	CAMA	124871N507758	51687	2	3	4	3	3	2	2	3	4	3	1	1	1	4	2	2	22221	1	1
418	71	CHEV	CAMA	124871N539276	52938	2	3	2	3	2	3	1	4	4	1	3	1	1	4	3	3	22221	2	1
419	71	CHEV	CHEL	134691K122865	24973	2	2	2	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
420	71	CHEV	MONT	138571K206687	45851	2	4	3	3	2	3	2	3	3	3	1	1	1	2	2	2	22221	1	1
421	71	CHEV	IMPA	164691S153624	64094	2	4	2	2	3	3	3	2	3	3	1	1	1	2	2	2	22221	1	1
422	71	CHEV	KING	1664S1S164675	53908	1	4	3	3	3	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
423	71	DODG	POLA	DE41L1D270800	57832	1	4	2	3	2	3	3	2	4	3	1	1	1	4	2	2	22221	1	1
424	71	FORD	MUST	1F03F133051	33039	2	3	1	3	2	3	3	2	3	3	1	4	2	2	2	2	22221	1	1
425	71	FORD	TORI	1A35M103832	87189	1	4	4	4	3	2	2	3	4	3	1	1	1	4	2	2	22221	1	1
426	71	FORD	GALA	1G58M197383	57910	1	4	3	3	2	3	3	2	3	3	1	1	1	2	2	2	22221	1	1
427	71	FORD	LTD	1G63M232982	79743	2	4	4	3	3	2	2	4	3	3	3	2	1	2	2	2	22221	1	1
428	71	MERC	MONR	1Z7255Z2613	46217	1	4	2	3	2	3	4	2	4	3	2	1	1	4	2	2	22221	1	1
429	71	OLDS	CUTL	336691R111523	42244	1	4	2	3	2	3	3	3	4	3	1	1	1	4	2	2	22221	1	2
430	71	OLDS	CUTL	342391R110385	33448	2	3	1	3	2	3	4	2	4	3	1	1	1	2	2	2	22221	1	1
431	71	PLYM	STAW	RL45G1G240472	64097	1	4	3	3	3	3	1	1	4	1	1	1	1	2	3	2	22221	1	1
432	71	PLYM	FURY	PM41K1D312496	72467	1	4	4	3	3	3	4	4	2	3	1	1	1	2	2	2	22221	1	1
433	71	PONT	CATA	252571P350314	40449	1	4	2	3	2	3	2	3	4	3	1	2	3	4	2	2	22221	1	1
434	71	OPEL	1900	549417624	26949	2	2	4	3	3	2	1	4	4	4	1	1	1	4	2	2	22221	1	1
435	71	VOLK	SEDA	1112450100	32541	1	4	2	3	3	3	1	3	3	4	1	1	1	4	2	2	22221	1	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	M2S
151	70	AMC	JAVE	A05795E200512	88423	1	4	4	4	2	3	2	3	4	3	1	1	2	2	2	2	22221	1	1
152	70	BUIC	LESA	452390X102735	96896	2	4	3	4	3	2	2	3	4	3	1	1	1	2	3	2	12221	1	1
153	70	CHEV	CAMA	123670N568817	68083	2	4	2	4	4	2	2	4	4	4	1	1	1	4	2	2	22221	1	1
154	70	CHEV	CHEL	134370K195926	51360	1	4	2	3	2	3	3	2	4	3	3	1	1	2	2	2	22221	1	1
155	70	CHEV	MALI	136370K219759	71106	2	1	3	4	2	3	2	4	4	3	3	1	1	4	2	2	22221	1	1
156	70	CHEV	IMPA	164390S219124	33336	2	4	2	4	2	3	3	3	4	2	1	1	1	2	2	2	22221	1	1
157	70	CHEV	MONT	138570F171690	81673	1	4	4	4	2	3	2	4	3	4	1	4	1	2	2	2	22221	1	1
158	70	DODG	DART	LL23C0R324376	100465	1	4	4	4	3	2	2	3	4	3	1	1	3	2	2	2	22221	1	1
159	70	DODG	CHAR	XP29G0G198990	66182	2	4	3	4	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
160	70	FORD	MUST	0F01H128229	69563	2	3	4	4	3	3	3	3	2	3	1	1	1	3	2	2	22221	1	1
161	70	FORD	TORI	0A40F269776	64003	1	4	2	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
162	70	FORD	GALA	0G56H192297	85465	2	4	3	3	2	3	3	3	4	3	3	2	2	2	2	2	22221	1	1
163	70	FORD	LTD	0G66H219415	83913	1	4	4	3	2	2	3	3	4	2	1	1	1	2	1	2	22221	4	1
164	70	MERC	MONT	0Z44Y613854	74105	1	4	2	4	3	3	4	3	4	3	1	1	1	4	2	2	22221	1	1
165	70	OLDS	DELT	354370X135645	43605	2	2	2	4	2	3	2	3	4	4	1	1	1	2	2	2	22221	1	1
166	70	PLYM	STAW	PH46L0D274897	43924	1	4	2	4	2	3	4	2	4	3	2	1	1	4	1	2	22221	1	5
167	70	PONT	LEMA	237370P185088	83685	1	4	3	4	2	2	2	3	4	4	1	1	2	1	2	2	22122	6	5
168	70	VOLK	SEDA	1102777632	68092	2	1	4	2	3	3	2	3	3	4	1	1	1	1	1	2	22221	1	1
169	70	VOLK	SEDA	1113104997	26790	1	4	3	4	2	3	1	1	4	3	1	1	1	2	2	2	22221	1	1
436	70	BUIC	SKYL	444390K122789	77136	2	4	2	2	3	3	2	3	4	3	2	2	2	2	2	2	22221	1	1
437	70	BUIC	LESA	452390X156884	52120	1	4	2	3	2	3	4	2	4	3	1	1	4	2	2	2	22221	1	2
438	70	CADI	DEVI	683490G183021	68993	2	4	4	3	1	1	2	3	2	3	1	1	1	1	2	2	22221	1	1
439	70	CHEV	NOVA	114690W366800	58190	1	4	3	3	3	3	2	3	3	4	1	1	1	2	2	2	22221	1	1
440	70	CHEV	CHEL	136390L147627	21074	2	4	5	3	3	2	4	3	2	3	1	1	1	2	2	2	22221	1	1
441	70	CHEV	IMPA	164670T239371	17780	2	4	2	3	2	3	3	2	3	3	1	1	1	2	2	2	22221	1	1
442	70	CHEV	NOVA	114270W167320	100561	1	4	4	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
443	70	CHRY	STAW	CP45L0C166235	42236	2	3	2	3	2	3	4	2	4	3	1	1	1	2	2	2	22221	1	1
444	70	FORD	MAVE	0K91T124544	49672	2	4	5	3	3	3	3	3	4	3	1	1	1	4	2	2	22221	1	5
445	70	FORD	TORI	0B31F126944	84741	2	4	3	4	2	4	1	4	4	4	1	1	1	4	2	2	22221	1	1
446	70	FORD	LTD	0G64Y1573209	80434	2	2	1	3	3	3	3	3	3	3	3	1	1	2	2	2	22221	1	1
447	70	FORD	MUST	0F01F197207	29838	2	2	3	3	2	3	2	3	4	3	1	1	2	2	2	2	22221	1	1
448	70	MERC	COUG	0F91H518194	53532	1	4	2	4	3	2	3	3	4	2	1	1	2	2	2	2	22221	1	1
449	70	OLDS	DELT	354370X134658	94649	1	4	4	3	3	2	3	3	4	2	1	1	2	4	2	2	22212	1	1
450	70	OLDS	DELT	364370M284675	56594	2	4	3	3	2	4	2	2	4	4	1	1	1	4	2	2	22221	1	1
451	70	PLYM	SATE	RH41G0A228621	59080	2	4	2	3	2	3	2	3	4	3	1	1	1	3	1	2	22221	1	1
452	70	PLYM	SATE	RH41GGG142894	80532	2	4	4	4	3	2	2	3	4	4	1	1	1	2	2	2	22221	1	1
453	70	PONT	GRNP	276570P273131	54291	1	4	2	3	2	3	3	2	4	3	1	1	1	4	2	2	22221	1	1
454	70	PONT	BONV	262390X133360	71924	2	4	2	3	3	2	2	3	4	3	1	1	2	2	2	2	22221	6	1
455	70	DATS	510	PL510154094	69265	2	3	5	4	4	2	2	3	4	3	1	1	2	2	2	2	22221	1	1
456	70	TOYO	CORO	KE11128648	58505	2	2	2	3	2	4	3	3	3	3	1	1	1	2	3	2	22221	1	1

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VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	M2S
170	69	BUIC	RIVI	494879H952301	64548	1	4	3	3	3	3	3	3	2	3	1	1	1	2	2	2	22221	1	1
171	69	BUIC	SPEC	433699K116902	61641	2	3	2	3	2	3	2	3	4	3	1	1	2	4	3	2	22221	1	1
172	69	CHEV	CHE2	114279W506588	28715	1	4	1	3	2	3	2	3	3	3	1	1	1	2	2	2	22221	1	1
173	69	CHEV	ELCA	136809K458107	65008	1	4	2	3	2	3	4	2	4	2	1	1	1	4	2	2	22221	1	1
174	69	CHEV	IMPA	164479U257207	87721	2	2	2	4	2	3	2	3	3	3	1	1	1	4	2	2	22221	1	5
175	69	CHEV	IMPA	164699S134185	78009	1	4	3	2	3	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
176	69	CHEV	CAPR	166399S143436	69612	2	3	3	4	2	3	4	3	2	3	3	1	1	2	2	2	22221	1	1
177	69	CHRY	NEWP	CE41G9F164789	12600	2	4	6	2	3	3	4	4	1	4	1	1	1	4	2	2	22221	1	1
178	69	FORD	MUST	9F01L192640	86376	2	4	2	3	2	3	2	3	4	3	1	2	2	2	2	2	22221	1	1
179	69	FORD	TORI	9K41F202067	52291	1	4	1	3	2	3	4	3	4	2	1	1	2	2	2	2	22221	1	1
180	69	FORD	GALA	9G54H180657	47807	2	4	3	3	3	2	2	3	3	3	3	1	1	2	2	2	22221	1	5
181	69	FORD	GALA	9G58Y207754	52068	2	2	2	3	3	3	2	3	3	3	3	4	4	4	2	2	22221	2	1
182	69	MERC	MONR	9Z46Y581685	86138	1	4	4	3	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
183	69	OLDS	DELT	364399X113647	71752	2	3	3	3	3	3	3	3	3	3	1	1	2	2	3	2	22221	1	1
184	69	PLYM	SATE	RH23F9A152229	79038	2	4	2	3	2	3	2	1	4	1	1	1	1	4	3	2	22221	1	1
185	69	PONT	LEMA	237379R139444	64121	2	3	2	4	2	3	2	3	3	3	3	1	1	4	2	2	22221	1	1
186	69	PONT	CATA	252699X125422	77331	1	4	3	3	3	3	2	3	4	3	3	2	3	2	2	2	22221	1	1
187	69	VOLK	SEDA	119966356	79811	2	4	3	3	2	3	2	3	4	2	1	1	2	4	2	2	22221	1	1
457	69	AMC	AMBA	A9A857S256905	69875	2	4	3	3	2	3	4	2	4	3	1	1	1	2	2	2	22221	2	1
458	69	CADI	DEVI	6834990243395	93993	2	4	3	4	2	3	4	2	4	3	1	1	1	3	2	2	22221	1	1
459	69	CHEV	NOVA	113279W502566	30361	1	4	1	4	1	4	1	4	4	4	1	4	4	2	2	2	22221	1	1
460	69	CHEV	IMPA	164379S057814	18627	2	3	2	3	2	3	2	3	4	4	1	1	2	2	2	2	22221	1	1
461	69	CHEV	IMPA	164479S136480	56441	1	4	2	3	2	3	3	2	4	3	3	1	2	2	2	2	22221	2	1
462	69	DODG	CORO	WP27F9G116610	91438	2	4	4	2	3	3	2	3	4	2	1	1	1	4	2	2	22221	1	1
463	69	DODG	CORO	WH23F9G291337	89090	2	4	3	3	3	3	3	3	3	3	1	1	1	4	2	2	22221	1	1
464	69	FORD	MUST	9F01F127637	87557	2	4	4	3	3	2	2	3	4	3	1	1	1	4	2	2	22221	1	1
465	69	FORD	TORI	9A42H279534	64594	2	3	3	4	2	3	2	3	4	3	1	1	1	3	2	2	22221	1	1
466	69	FORD	THUN	9Y87N122062	68518	2	4	3	3	2	3	4	2	3	3	1	1	1	4	2	2	22221	1	2
467	69	OLDS	CUTL	336679M431513	72046	1	4	2	2	3	3	2	3	3	3	1	4	3	5	2	2	22221	1	1
468	69	OLDS	DELT	364399X170751	96066	2	4	3	3	2	2	2	3	4	2	1	1	2	2	2	2	22221	1	1
469	69	PLYM	VALI	VH21B9B147073	54945	1	4	2	3	2	3	1	3	4	4	1	1	1	1	2	2	22221	1	1
470	69	PLYM	FRY3	PH41F9D313856	79427	1	4	3	4	2	3	3	3	4	3	1	1	1	4	2	2	22221	1	1
471	69	PONT	TEMP	235379R141822	79999	2	3	3	4	2	3	3	2	3	3	1	1	2	5	2	2	22221	6	5
472	69	TOYO	CORO	RT43126567	52746	2	4	1	3	2	3	3	2	4	3	1	2	2	2	2	2	22221	1	1
473	69	VOLK	SEDA	119026811	53081	1	4	2	3	2	3	3	2	3	3	1	1	1	2	2	2	22221	1	1
188	68	AMC	JAVA	A8A797M271397	76825	2	4	3	4	2	3	3	3	3	3	3	1	2	4	2	2	22221	1	1
189	68	BUIC	LESA	454398X119581	40190	2	4	3	3	3	3	3	3	4	3	1	4	4	4	2	2	22221	1	1
190	68	CHEV	NOVA	114278W362955	20489	2	1	2	3	2	4	2	3	4	4	3	1	4	5	3	3	21222	1	1
191	68	CHEV	CHEL	136378Z126400	79978	2	4	2	3	2	3	2	3	4	3	1	1	2	1	3	2	22221	1	5
192	68	CHEV	IMPA	164478S229956	71939	2	4	3	3	2	2	3	2	4	3	3	1	1	3	2	2	22221	1	1

APPENDIX B (CONTD)

ST. LOUIS

VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	M2S
193	68	CHEV	IMPA	164698S202049	79967	2	2	1	3	2	3	2	4	4	3	1	1	1	2	2	2	22221	1	5
194	68	CHRY	NEWP	CE41G8C244353	58794	1	4	2	3	2	3	3	2	4	3	1	1	3	2	2	2	22221	1	1
195	68	DODG	CHAR	XP29F88234021	107440	2	3	3	4	2	2	2	2	4	2	1	2	1	4	3	2	22221	1	1
196	68	FORD	MUST	8F01T216388	89208	2	4	3	3	2	3	3	3	4	3	1	1	2	4	2	2	22221	1	1
197	68	FORD	FAIR	8A30C195751	84159	2	2	3	3	3	3	3	3	3	3	3	4	4	5	3	3	22221	6	5
198	68	FORD	GALA	8G60F196207	77160	2	3	2	4	2	3	1	3	4	4	1	1	1	4	2	2	22221	1	1
199	68	MERC	COLO	8276Y540930	60613	1	4	2	4	1	4	4	2	4	4	2	1	2	4	2	2	22221	1	1
200	68	OLDS	CUTL	336778M126437	60717	2	4	1	3	3	3	4	3	3	3	1	1	2	4	2	2	22221	1	1
201	68	PLYM	BELA	RL41F8A218822	90513	2	4	3	4	2	3	3	3	4	2	1	1	1	4	2	2	22221	1	1
202	68	PONT	TEMP	235398P141123	87168	2	3	3	3	3	3	3	3	4	4	3	1	3	4	3	2	22221	6	1
203	68	PONT	VENT	252698X143012	85244	1	4	2	4	1	3	1	3	3	4	1	1	2	4	2	2	22221	1	1
204	68	VOLK	SEDA	118749084	46482	1	4	1	3	2	3	3	2	4	4	1	2	2	2	1	2	22221	1	1
474	68	BUIC	RIVI	494878H943205	82073	1	4	2	3	2	3	2	3	4	1	1	1	1	4	2	2	22221	1	1
475	68	CADI	DEVI	J8140566	91634	2	4	3	3	2	3	2	3	3	2	1	1	1	4	2	2	22221	1	1
476	68	CHEV	ELCA	13680EK105540	65527	2	4	2	4	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
477	68	CHEV	IMPA	164358S220047	122083	2	4	4	3	3	2	3	3	4	2	3	1	1	2	2	2	22212	1	1
478	68	CHEV	STAW	166458S236147	87294	2	1	1	4	1	4	4	1	4	4	3	2	2	4	3	2	22221	6	1
479	68	DODG	DART	LH23B8B310499	53330	1	4	2	3	2	3	2	3	4	3	3	1	3	1	2	2	22221	1	1
480	68	FORD	MUST	8T01C204006	88066	2	4	2	3	2	3	2	2	4	4	3	1	3	4	2	2	22221	1	1
481	68	FORD	GALA	8G58Y202273	93987	1	4	3	3	2	3	2	3	3	3	1	1	2	3	2	2	22221	1	1
482	68	FORD	STAW	8U75Y177675	64440	1	4	2	3	3	3	3	2	4	3	1	1	1	2	2	2	22221	1	1
483	68	OLDS	TORO	394876M617177	96795	2	4	4	3	3	2	2	3	3	3	1	1	2	2	2	2	22221	1	5
484	68	PLYM	FURY	PM23G8D115366	93190	2	4	3	3	2	3	2	3	4	3	1	1	3	2	2	2	22221	1	1
485	68	PONT	BONN	262398X104076	69199	2	3	3	4	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	1
486	68	VOLK	BUS	228186320	48655	1	4	3	3	2	4	4	3	3	4	1	4	4	1	2	2	22221	1	1
205	65	AMC	RAMB	P169461	59131	2	2	2	3	2	3	2	3	4	3	3	1	1	4	2	2	22221	1	1
206	67	BUIC	SKYL	444397H164241	95182	2	4	2	4	1	1	4	1	1	1	1	1	1	2	2	2	22221	1	1
207	67	BUIC	ELEC	484677H135135	123398	1	4	2	3	3	3	3	3	4	3	1	1	1	2	2	2	22221	1	1
208	67	CHEV	IMPA	164877S149707	61243	1	4	1	4	2	3	3	2	4	3	3	2	2	2	2	2	22221	1	1
209	67	CHEV	CHEL	136177K210370	31031	1	4	1	3	3	2	3	3	4	3	1	1	1	3	2	2	22221	1	1
210	66	CHEV	IMPA	1683765161531	58643	1	4	2	4	3	3	2	3	4	3	1	1	4	2	2	2	22221	1	1
211	66	CHEV	IMPA	1643765139606	56472	1	4	2	3	2	3	2	3	4	4	1	1	3	2	2	2	22221	1	1
212	65	CHEV	IMPA	164695J141793	59958	2	4	2	4	2	3	2	3	4	4	3	2	2	4	2	2	22221	1	1
213	67	CHEV	CAPR	1663S75171185	94028	2	4	2	3	2	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
214	67	CHRY	NEWP	CE41G73150484	64492	2	2	2	2	3	3	2	3	4	3	1	1	1	2	2	2	22221	1	1
215	66	DODG	STAW	LH45B62654133	103966	2	2	3	3	2	3	2	3	3	3	2	1	1	4	2	2	21212	1	5
216	66	FORD	MUST	6F07T165225	102752	2	2	2	3	2	3	3	3	3	4	1	1	2	2	2	2	22221	2	1
217	67	FORD	MUST	7F03C130412	41074	2	3	2	3	2	3	3	2	4	3	1	1	2	2	3	2	22221	1	1
218	67	FORD	FAIR	7A35C194660	75456	2	3	2	3	2	3	3	2	4	4	3	2	2	4	2	2	22221	1	1
219	66	FORD	GALA	6G66X273553	85854	2	4	3	3	3	3	2	3	4	4	2	1	2	4	2	2	12222	1	1

APPENDIX B (CONTD)

ST. LOUIS

VEH	YR	MAKE	MODL	VIN	ODOM	N	P	VMT	C	S	F	W	G	B	V	MFRREC	LOC	LTU	W	MOD	OPER	D	LEAD	M2S
220	65	FORD	LTD	5A60Z209808	36313	2	3	3	4	2	3	1	4	4	4	1	1	3	2	2	2	22221	2	1
221	67	FORD	GALA	7056H123094	77155	2	4	2	3	2	3	2	3	3	3	1	1	4	4	2	2	22221	1	1
222	67	MERC	COUG	7F910513411	58463	2	4	2	2	3	3	1	3	4	3	1	1	1	4	2	2	22221	1	1
223	67	OLDS	CUTL	338397G128722	39080	1	4	2	3	2	3	4	2	4	3	1	1	1	2	2	2	22221	1	1
224	65	OLDS	NNTY	384395M227332	77781	2	4	2	4	1	4	4	1	3	4	1	1	1	4	1	2	22221	2	2
225	66	PLYM	FURY	PH41E64134848	100885	1	4	2	3	3	2	2	3	4	3	1	1	2	2	2	2	22221	1	1
226	65	PLYM	BARA	1857213839	61049	2	4	4	3	2	2	2	2	4	3	3	1	1	3	2	2	22221	1	1
227	65	PONT	TEMP	235695P254562	80388	2	4	3	3	3	2	2	3	4	3	1	1	1	2	2	2	22221	1	3
228	66	PONT	BONN	262396X113665	113000	1	4	6	1	1	1	1	1	4	1	1	1	1	4	2	2	22221	1	1
229	67	VOLK	SEDA	117327135	66699	1	4	2	3	2	3	2	3	3	3	1	1	1	1	2	2	22221	1	1
230	67	VOLK	SEDA	117844399	89770	2	4	3	4	2	3	2	3	4	4	1	1	3	4	2	2	21222	1	1
487	67	AMC	RAMB	A7KA95F130094	94446	2	2	1	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	5
488	65	AMC	AMBA	F109842	49238	1	4	1	4	2	3	4	3	3	3	1	1	1	2	3	2	22221	1	1
489	67	BUIC	RIVI	444877H942475	55794	2	2	4	3	3	2	2	3	2	3	1	1	1	2	2	2	22221	1	3
490	66	CADI	DEVI	683576J113373	59892	2	1	1	3	2	3	2	3	4	4	1	1	4	5	2	2	22221	1	5
491	66	CHEV	CHEL	13639GK174710	96590	1	4	3	1	4	4	1	4	4	4	2	2	3	2	2	2	22221	2	5
492	66	CHEV	CHEL	136676K216781	96053	1	4	3	3	2	3	2	4	3	2	3	2	2	2	2	2	22221	1	5
493	66	CHEV	IMPA	164376S255832	75795	2	4	3	3	2	3	2	3	3	3	3	1	1	4	2	2	22221	1	1
494	66	CHEV	IMPA	164696S215903	105063	2	4	2	3	3	2	2	3	4	3	1	1	1	4	2	2	22221	1	1
495	66	CHEV	IMPA	164376S273315	70257	2	3	3	3	2	3	2	3	4	4	1	1	2	2	2	2	22221	1	1
496	67	CHEV	IMPA	164877S184602	35713	2	4	1	4	2	3	3	3	4	3	1	2	2	2	2	2	22221	1	5
497	67	DODG	CORO	WH45177136719	140136	2	4	4	3	3	3	3	3	3	3	1	1	1	4	2	2	22221	1	1
498	65	DODG	POLA	D153320935	157215	1	4	4	4	2	3	2	3	2	3	1	1	2	4	2	2	22221	1	1
499	65	FORD	MUST	5F07T776132	44104	2	4	3	3	3	3	3	4	3	4	2	2	2	4	2	2	22221	1	1
500	67	FORD	MUST	7F030205776	37126	1	4	2	3	2	3	3	2	3	3	1	2	2	4	1	2	22221	1	1
501	67	FORD	STAW	7H32C204986	74856	2	4	1	2	4	3	4	2	4	1	1	1	1	2	2	2	22221	1	1
502	67	FORD	XL	7G597194409	75751	2	4	2	4	2	2	2	3	4	1	1	1	1	4	2	2	22221	1	1
503	67	FORD	CUST	7G53H171573	87598	2	2	3	3	2	3	2	3	4	4	1	1	2	2	2	2	22221	1	1
504	67	LINC	CONT	7Y82G842776	77527	2	4	2	4	2	3	4	1	4	4	1	1	2	4	2	2	22221	1	1
505	66	OLDS	TORO	396P76M518053	102676	2	3	2	4	2	2	2	4	4	2	1	1	1	2	3	2	22221	1	1
506	66	PLYM	BARR	BP29D62617914	124250	1	4	3	3	2	3	2	3	4	3	1	1	1	4	2	2	22221	1	2
507	66	PLYM	FURY	PH41E64156121	59126	1	4	2	3	2	3	3	2	4	3	1	1	1	2	2	2	22221	1	1
508	66	PONT	LEMA	237076P185092	70713	1	4	2	3	2	3	3	2	4	3	1	1	2	4	2	2	22221	1	1
509	65	PONT	CATA	252695X166447	116953	2	4	4	3	3	3	2	3	4	3	2	1	2	4	2	2	22221	1	1
510	67	PONT	CATA	252677X178003	103069	1	4	3	3	2	3	2	3	4	4	3	1	2	4	2	2	22221	1	1

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

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APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	LIGHT HYDROCARBONS: METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
001	75	CHEV	G10V 350		COLD TRANS	1.63	8.58	860.0	2.14	10.10	0.105	0.025	0.005	0.024	0.049	0.063
					COLD STAB	0.13	0.0	870.8	1.23	10.19	0.060	0.014	0.002	0.0	0.000	0.203
IHC = 0010 PPM HEXANE					HOT TRANS	0.39	3.79	760.0	1.63	11.57	0.067	0.018	0.004	0.008	0.001	0.163
ICO (ACT) = .02 % CO					72 FTP	0.85	4.11	865.6	1.67	10.15	0.082	0.019	0.00[illegible]	0.012	0.025	0.117
ICO (SPEC) = 99.99 % CO					75 FTP	0.51	2.80	836.4	1.53	10.51	0.077	0.017	0.005	0.007	0.010	0.157
OTHER TESTS: 1,2,3,6					HFET	0.06	0.04	560.3	1.65	15.83						
002	75	CHEV	G10V 350		COLD TRANS	1.62	8.02	663.3	3.33	13.03	0.121	0.030	0.004	0.039	0.073	0.428
					COLD STAB	0.35	1.61	666.8	2.19	12.85	0.076	0.024	0.006	0.008	0.002	0.259
IHC = 0010 PPM HEXANE					HOT TRANS	0.54	5.59	555.6	3.15	15.68	0.063	0.018	0.003	0.012	0.001	0.242
ICO (ACT) = .01 % CO					72 FTP	0.96	4.78	675.6	2.74	12.93	0.097	0.027	0.006	0.023	0.036	1.071
ICO (SPEC) = 99.99 % CO					75 FTP	0.67	4.12	646.2	2.69	13.55	0.082	0.023	0.005	0.016	0.016	0.303
OTHER TESTS: 1,2,3,6					HFET	0.06	0.0	462.8	3.37	19.17						
003	75	CHEV	G10V 350		COLD TRANS	2.80	47.61	690.8	1.79	11.46	0.345	0.042	0.002	0.074	0.173	0.726
					COLD STAB	0.48	0.57	699.5	1.17	12.64	0.266	0.031	0.002	0.002	0.000	0.165
IHC = 0030 PPM HEXANE					HOT TRANS	0.97	2.47	644.9	1.52	13.62	0.175	0.030	0.003	0.015	0.013	0.474
ICO (ACT) = 01.25 % CO					72 FTP	1.59	23.09	695.4	1.47	12.05	0.304	0.037	0.002	0.037	0.083	2.694
ICO (SPEC) = 99.99 % CO					75 FTP	1.09	10.77	662.8	1.39	12.62	0.256	0.033	0.002	0.020	0.039	0.365
OTHER TESTS: 1,2,3,6					HFET	0.14	0.09	519.4	1.82	17.07						
004	75	CHEV	G10V 350		COLD TRANS	1.92	16.40	804.7	2.38	10.61	0.162	0.030	0.001	0.039	0.086	0.658
					COLD STAB	0.23	0.0	729.3	1.35	12.16	0.073	0.020	0.000	0.0	0.0	0.208
IHC = 0020 PPM HEXANE					HOT TRANS	0.86	2.25	674.9	1.82	13.03	0.098	0.021	0.001	0.010	0.011	0.284
ICO (ACT) = .02 % CO					72 FTP	1.04	7.85	765.4	1.84	11.36	0.115	0.025	0.001	0.019	0.041	2.471
ICO (SPEC) = 99.99 % CO					75 FTP	0.75	3.44	730.0	1.69	12.02	0.098	0.023	0.001	0.011	0.021	0.321
OTHER TESTS: 1,2,3,6					HFET	0.12	0.05	571.6	2.00	15.52						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & ALIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
005	75	DODG	TRAD	318	COLD TRANS	1.91	25.24	813.1	2.42	10.33	0.137	0.028	0.003	0.044	0.034	0.407
					COLD STAB	0.21	0.59	756.3	3.96	11.71	0.038	0.009	0.002	0.002	0.001	0.347
IHC = 10 PPM HEXANE					HOT TRANS	0.63	2.08	682.5	2.60	12.90	0.040	0.013	0.004	0.008	0.002	0.174
ICO (ACT) = .02 % CO					72 FTP	1.02	12.39	783.5	3.24	11.01	0.066	0.018	0.002	0.022	0.019	1.041
ICO (SPEC) = .03 % CO					75 FTP	0.67	6.07	747.8	3.29	11.69	0.059	0.014	0.003	0.012	0.009	0.512
OTHER TESTS: 1,2,3,6					HFET	0.06	0.25	535.4	2.77	16.56						
006	75	FORD	F100	300	COLD TRANS	0.86	13.88	661.6	1.51	12.57	0.137	0.018	0.002	0.032	0.017	0.338
					COLD STAB	0.46	6.54	651.4	1.50	13.36	0.061	0.013	0.000	0.013	0.003	0.310
IHC = 0015 PPM HEXANE					HOT TRANS	0.97	7.14	585.2	1.34	14.60	0.096	0.015	0.001	0.027	0.007	0.295
ICO (ACT) = .01 % CO					72 FTP	0.65	10.05	665.8	1.50	12.98	0.108	0.015	0.001	0.022	0.010	1.374
ICO (SPEC) = 99.99 % CO					75 FTP	0.68	8.21	639.5	1.45	13.56	0.097	0.015	0.001	0.021	0.007	0.311
OTHER TESTS: 1,2,3,6					HFET	0.12	1.25	498.8	1.26	17.71						
007	75	FORD	F100	302	COLD TRANS	3.08	74.38	530.2	1.29	13.51	0.302	0.068	0.009	0.123	0.071	0.377
					COLD STAB	2.08	64.03	503.6	0.73	14.53	0.222	0.039	0.004	0.049	0.010	0.099
IHC = 0150 PPM HEXANE					HOT TRANS	2.63	59.82	474.9	1.13	15.56	0.244	0.056	0.006	0.112	0.042	0.234
ICO (ACT) = 03.50 % CO					72 FTP	2.56	68.99	516.4	0.99	14.02	0.261	0.053	0.006	0.111	0.059	1.407
ICO (SPEC) = 99.99 % CO					75 FTP	2.43	65.01	501.3	0.95	14.52	0.245	0.050	0.006	0.108	0.031	0.193
OTHER TESTS: 1,2,3,6					HFET	1.70	49.82	385.1	1.05	18.93						
008	75	FORD	ECON	351	COLD TRANS	1.21	17.47	879.1	3.05	9.75	0.156	0.031	0.001	0.039	0.054	0.630
					COLD STAB	0.34	0.85	857.9	2.91	10.32	0.065	0.015	0.001	0.008	0.002	0.591
IHC = 0010 PPM HEXANE					HOT TRANS	0.54	1.21	770.6	3.49	11.46	0.068	0.016	0.002	0.012	0.001	0.474
ICO (ACT) = .02 % CO					72 FTP	0.76	8.60	868.1	2.98	10.04	0.108	0.023	0.001	0.023	0.027	3.280
ICO (SPEC) = 99.99 % CO					75 FTP	0.58	4.37	838.5	3.10	10.48	0.065	0.014	0.001	0.016	0.013	0.668
OTHER TESTS: 1,2,3,6					HFET	0.15	0.34	616.4	3.56	14.36						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
009	75	FORD	F100	351	COLD TRANS	1.03	15.88	795.4	4.92	10.77	0.143	0.026	0.005	0.025	0.017	0.614
					COLD STAB	0.48	0.58	785.7	2.65	11.26	0.064	0.013	0.004	0.003	0.002	0.480
IHC = 0055 PPM HEXANE					HOT TRANS	0.98	2.65	692.5	4.68	12.68	0.093	0.020	0.003	0.011	0.005	0.462
ICO (ACT) = .02 % CO					72 FTP	0.74	7.91	790.6	3.74	11.02	0.102	0.019	0.005	0.014	0.009	2.454
ICO (SPEC) = 99.99 % CO					75 FTP	0.73	4.30	762.4	3.67	11.51	0.088	0.018	0.004	0.010	0.006	0.903
OTHER TESTS: 1,2,3,6					HFET	0.20	0.81	569.5	4.29	15.53						
010	75	GMC	SIER	350	COLD TRANS	3.88	65.41	732.2	1.62	10.47	0.583	0.076	0.006	0.113	0.207	0.744
					COLD STAB	0.56	3.34	753.2	1.28	11.67	0.422	0.026	0.002	0.0	0.000	0.059
IHC = 0080 PPM HEXANE					HOT TRANS	1.12	15.61	717.6	1.38	11.90	0.478	0.040	0.003	0.017	0.024	0.167
ICO (ACT) = 01.10 % CO					72 FTP	2.15	33.05	743.2	1.54	11.07	0.499	0.050	0.004	0.054	0.049	2.703
ICO (SPEC) = 99.99 % CO					75 FTP	1.39	19.46	734.2	1.42	11.46	0.470	0.040	0.003	0.028	0.049	0.213
OTHER TESTS: 1,2,3,6					HFET	0.34	2.09	619.7	1.53	14.22						
011	75	AMC	PACE	258	COLD TRANS	0.88	30.08	713.4	2.27	11.63	0.135	0.017	0.000	0.037	0.019	0.339
					COLD STAB	0.13	10.72	632.9	1.38	13.65	0.066	0.004	0.0	0.003	0.0	0.151
IHC = 0015 PPM HEXANE					HOT TRANS	0.37	12.13	617.3	1.56	13.92	0.059	0.006	0.001	0.015	0.0	0.232
ICO (ACT) = .02 % CO					72 FTP	0.49	14.99	671.4	1.80	12.60	0.100	0.010	0.000	0.019	0.009	1.497
ICO (SPEC) = 99.99 % CO					75 FTP	0.35	15.09	645.2	1.61	13.25	0.079	0.007	0.000	0.013	0.004	0.212
OTHER TESTS: 1,2,3,4,5,6					HFET	0.05	1.23	533.2	1.47	16.58						
012	75	BUIC	CNTY	350	COLD TRANS	1.40	22.55	696.3	0.19	12.06	0.110	0.023	0.001	0.051	0.036	0.561
					COLD STAB	0.81	17.56	662.9	4.62	12.45	0.114	0.023	0.000	0.001	0.000	0.050
IHC = 0060 PPM HEXANE					HOT TRANS	0.68	10.36	607.7	0.38	14.16	0.107	0.023	0.001	0.045	0.001	0.146
ICO (ACT) = 01.00 % CO					72 FTP	1.09	19.96	689.3	5.37	12.26	0.112	0.023	0.001	0.056	0.017	2.039
ICO (SPEC) = 99.99 % CO					75 FTP	0.89	16.63	665.1	5.42	12.79	0.111	0.023	0.001	0.054	0.008	0.182
OTHER TESTS: 1,2,3,4,5,6					HFET	0.11	1.55	477.5	5.92	18.48						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
013	75	BUIC	ESTA	455	COLD TRANS	1.72	18.15	894.3	3.44	9.56	0.177	0.042	0.004	0.060	0.090	0.023
					COLD STAB	0.23	3.04	890.1	1.10	9.91	0.105	0.034	0.002	0.008	0.000	0.092
IHC = 0020 PPM HEXANE					HOT TRANS	0.32	2.46	808.5	2.21	10.91	0.086	0.026	0.003	0.009	0.001	0.173
ICO (ACT) = 00.04 % CO					72 FTP	0.94	10.27	892.1	2.22	9.74	0.139	0.038	0.003	0.033	0.043	0.001
ICO (SPEC) = 99.99 % CO					75 FTP	0.56	5.99	868.7	1.86	10.09	0.114	0.034	0.003	0.019	0.019	0.265
OTHER TESTS: 1,2,3,4,5,6					MPET	0.08	2.07	832.2	1.78	13.96						
014	75	BUIC	REGA	350	COLD TRANS	1.14	19.59	855.9	4.91	12.86	0.106	0.024	0.003	0.033	0.056	0.510
					COLD STAB	0.17	1.27	848.7	3.61	13.63	0.067	0.016	0.001	0.003	0.002	0.091
IHC = 0200 PPM HEXANE					HOT TRANS	0.25	1.44	584.5	4.87	15.11	0.055	0.016	0.001	0.005	0.001	0.322
ICO (ACT) = .10 % CO					72 FTP	0.63	10.04	852.1	4.23	13.25	0.087	0.020	0.002	0.018	0.026	1.078
ICO (SPEC) = 99.99 % CO					75 FTP	0.39	5.06	832.7	4.22	13.83	0.072	0.018	0.002	0.010	0.013	0.240
OTHER TESTS: 1,2,3,4,5,6					MPET	0.06	0.05	455.9	4.50	19.46						
015	75	CADI	DEVI	500	COLD TRANS	2.61	46.20	929.8	2.02	8.78	0.254	0.035	0.004	0.056	0.125	0.630
					COLD STAB	0.23	0.85	846.4	2.36	10.46	0.112	0.021	0.000	0.001	0.0	0.206
IHC = 0010 PPM HEXANE					HOT TRANS	0.46	6.47	808.3	2.90	10.82	0.102	0.019	0.001	0.015	0.001	0.286
ICO (ACT) = .02 % CO					72 FTP	1.37	22.55	866.3	2.20	9.58	0.180	0.027	0.002	0.027	0.060	0.108
ICO (SPEC) = 99.99 % CO					75 FTP	0.78	11.72	853.2	2.44	10.15	0.139	0.023	0.001	0.016	0.026	0.356
OTHER TESTS: 1,2,3,4,5,6					MPET	0.07	0.28	846.1	2.90	13.72						
016	75	CHEV	MONZ	140	COLD TRANS	1.14	22.67	532.3	5.91	15.53	0.139	0.014	0.001	0.031	0.048	0.430
					COLD STAB	0.08	0.26	509.6	4.05	17.34	0.056	0.006	0.000	0.000	0.0	0.110
IHC = 0020 PPM HEXANE					HOT TRANS	0.12	0.59	471.4	5.07	18.78	0.050	0.005	0.000	0.002	0.0	0.121
ICO (ACT) = .02 % CO					72 FTP	0.59	10.98	520.5	4.94	16.45	0.096	0.010	0.001	0.015	0.023	1.000
ICO (SPEC) = 99.99 % CO					75 FTP	0.31	4.96	503.9	4.87	17.31	0.072	0.007	0.000	0.008	0.010	0.179
OTHER TESTS: 1,2,3,4,5,6					MPET	0.05	0.0	354.9	8.07	25.00						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
017	75	CHEV	CAMA 250		COLD TRANS	1.80	11.12	662.8	2.14	12.44	0.077	0.022	0.003	0.046	0.059	0.746
					COLD STAB	0.13	0.0	642.4	1.19	13.81	0.029	0.011	0.000	0.002	0.003	0.142
IHC = 0020 PPM HEXANE					HOT TRANS	0.20	0.11	578.4	1.89	15.32	0.027	0.012	0.001	0.000	0.0	0.234
ICO (ACT) = .02 % CO					72 FTP	0.93	5.23	652.2	1.65	13.38	0.052	0.016	0.001	0.023	0.030	2.754
ICO (SPEC) = 99.99 % CO					75 FTP	0.49	2.32	629.1	1.56	13.99	0.036	0.014	0.001	0.011	0.014	0.291
OTHER TESTS: 1,2,3,4,5,6					HFET	0.06	0.0	465.7	1.64	19.05						
018	75	CHEV	MONT 350		COLD TRANS	1.73	18.45	847.7	1.99	10.66	0.133	0.018	0.001	0.028	0.054	0.470
					COLD STAB	0.13	0.11	846.1	1.60	10.46	0.080	0.013	0.000	0.000	0.000	0.147
IHC = 0045 PPM HEXANE					HOT TRANS	0.37	1.73	769.1	1.95	11.48	0.101	0.016	0.001	0.006	0.007	0.209
ICO (ACT) = .30 % CO					72 FTP	0.89	8.89	840.9	1.79	10.28	0.105	0.016	0.001	0.014	0.020	1.759
ICO (SPEC) = 99.99 % CO					75 FTP	0.52	4.33	825.4	1.78	10.64	0.096	0.015	0.001	0.008	0.013	0.420
OTHER TESTS: 1,2,3,4,5,6					HFET	0.03	0.44	546.7	2.20	14.85						
019	75	CHEV	CAMA 350		COLD TRANS	2.30	57.43	745.0	1.95	10.53	0.246	0.031	0.003	0.073	0.101	0.474
					COLD STAB	0.16	0.0	738.6	1.29	12.01	0.083	0.017	0.002	0.002	0.000	0.209
IHC = 0025 PPM HEXANE					HOT TRANS	1.17	4.35	675.3	1.86	12.94	0.137	0.025	0.004	0.025	0.005	0.257
ICO (ACT) = .08 % CO					72 FTP	1.18	27.49	741.6	1.61	11.25	0.186	0.024	0.002	0.036	0.047	1.812
ICO (SPEC) = 99.99 % CO					75 FTP	0.88	13.01	722.6	1.58	11.90	0.142	0.022	0.003	0.023	0.035	0.477
OTHER TESTS: 1,2,3,4,5,6					HFET	0.08	0.06	535.6	1.85	16.56						
020	75	CHEV	MONT 350		COLD TRANS	1.75	19.60	756.2	2.43	11.20	0.165	0.020	0.001	0.038	0.124	0.490
					COLD STAB	0.22	0.0	753.2	1.56	11.77	0.078	0.017	0.000	0.001	0.000	0.080
IHC = 0030 PPM HEXANE					HOT TRANS	0.54	3.19	655.1	1.66	13.41	0.085	0.017	0.001	0.010	0.018	0.175
ICO (ACT) = 00.03 % CO					72 FTP	0.95	9.38	754.6	1.98	11.49	0.120	0.019	0.001	0.018	0.059	1.803
ICO (SPEC) = 99.99 % CO					75 FTP	0.62	4.91	727.1	1.77	12.05	0.096	0.018	0.001	0.011	0.030	0.193
OTHER TESTS: 1,2,3,4,5,6					HFET	0.05	0.02	518.2	2.37	17.12						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
021	75	CHEV	IMPA	400	COLD TRANS	1.12	10.67	844.6	2.25	10.26	0.094	0.028	0.006	0.027	0.060	0.732
					COLD STAB	0.18	0.0	672.7	1.02	10.16	0.075	0.026	0.006	0.0	0.0	0.115
IHC = 0010 PPM HEXANE					HOT TRANS	0.46	1.09	745.0	1.65	11.86	0.084	0.026	0.005	0.006	0.002	0.162
ICO (ACT) = 00.02 % CO					72 FTP	0.63	5.11	859.2	1.61	10.21	0.067	0.027	0.006	0.013	0.029	2.681
ICO (SPEC) = 99.99 % CO					75 FTP	0.45	2.49	832.0	1.45	10.60	0.062	0.027	0.006	0.007	0.013	0.255
OTHER TESTS: 1,2,3,4,5,6					HFET	0.04	0.45	558.9	1.64	15.86						
022	75	CHRY	NEWP	400	COLD TRANS	1.66	31.07	650.1	3.82	9.82	0.227	0.034	0.002	0.039	0.072	0.015
					COLD STAB	0.10	0.85	852.4	2.64	10.39	0.077	0.011	0.002	0.002	0.0	0.016
IHC = 0030 PPM HEXANE					HOT TRANS	0.21	2.58	733.3	3.93	12.03	0.068	0.011	0.001	0.007	0.003	0.060
ICO (ACT) = .02 % CO					72 FTP	0.84	15.31	851.3	3.21	10.11	0.149	0.022	0.002	0.020	0.034	0.062
ICO (SPEC) = .30 % CO					75 FTP	0.45	7.54	819.4	3.24	10.66	0.105	0.016	0.002	0.011	0.018	0.026
OTHER TESTS: 1,2,3,4,5,6					HFET	0.03	0.22	537.5	4.52	16.50						
023	75	DODG	DART	318	COLD TRANS	0.63	5.14	727.1	1.53	12.04	0.075	0.022	0.004	0.021	0.018	0.543
					COLD STAB	0.07	0.06	622.8	1.69	14.24	0.035	0.006	0.005	0.002	0.000	0.217
IHC = 0010 PPM HEXANE					HOT TRANS	0.24	1.18	578.9	1.83	15.26	0.035	0.009	0.003	0.007	0.002	0.291
ICO (ACT) = .02 % CO					72 FTP	0.34	2.49	672.7	1.72	13.10	0.054	0.014	0.004	0.011	0.009	2.063
ICO (SPEC) = .50 % CO					75 FTP	0.23	1.41	632.3	1.80	13.47	0.043	0.010	0.004	0.007	0.004	0.305
OTHER TESTS: 1,2,3,4,5,6					HFET	0.06	0.09	543.2	2.04	16.33						
024	75	DODG	DART	225	COLD TRANS	0.80	9.49	640.7	1.73	13.49	0.103	0.024	0.003	0.017	0.017	0.430
					COLD STAB	0.08	0.24	576.2	1.74	15.39	0.024	0.006	0.001	0.000	0.000	0.169
IHC = 0020 PPM HEXANE					HOT TRANS	0.70	1.14	519.8	1.91	16.94	0.040	0.011	0.003	0.006	0.002	0.176
ICO (ACT) = .02 % CO					72 FTP	0.43	4.66	607.1	1.74	14.41	0.062	0.015	0.002	0.008	0.006	1.633
ICO (SPEC) = 01.50 % CO					75 FTP	0.40	2.39	574.1	1.78	15.33	0.045	0.011	0.002	0.005	0.004	0.224
OTHER TESTS: 1,2,3,4,5,6					HFET	0.09	0.17	429.2	1.49	20.65						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
025	75	FORD	MUST	140	COLD TRANS	0.47	4.82	634.8	1.84	13.78	0.067	0.006	0.001	0.007	0.026	0.174
					COLD STAB	0.03	0.41	671.3	0.95	13.21	0.013	0.000	0.002	0.002	0.000	0.060
IHC = 0005 PPM HEXANE					HOT TRANS	0.05	0.59	502.0	1.67	17.64	0.010	0.001	0.0	0.002	0.000	0.165
ICO (ACT) = .03 % CO					72 FTP	0.24	2.52	653.9	1.36	13.46	0.039	0.003	0.002	0.004	0.012	0.655
ICO (SPEC) = 99.99 % CO					75 FTP	0.12	1.57	617.6	1.38	14.31	0.024	0.002	0.001	0.003	0.005	0.112
OTHER TESTS: 1,2,3,4,5,6					HFET	0.04	0.29	355.1	1.57	24.96						
026	75	FORD	GRAN	302	COLD TRANS	1.44	9.56	752.8	2.66	11.49	0.104	0.027	0.003	0.021	0.040	0.749
					COLD STAB	0.59	0.59	755.6	1.37	11.70	0.065	0.017	0.002	0.011	0.003	0.431
IHC = 0020 PPM HEXANE					HOT TRANS	0.69	1.84	662.5	2.63	13.30	0.067	0.019	0.002	0.012	0.006	0.475
ICO (ACT) = .01 % CO					72 FTP	1.00	4.88	754.3	1.99	11.60	0.084	0.022	0.002	0.016	0.021	2.915
ICO (SPEC) = 99.99 % CO					75 FTP	0.79	2.78	729.6	2.04	12.05	0.074	0.019	0.002	0.013	0.012	0.509
OTHER TESTS: 1,2,3,4,5,6					HFET	0.31	0.40	476.6	2.14	18.56						
027	75	FORD	GRAN	250	COLD TRANS	0.55	7.99	679.3	3.11	12.86	0.097	0.013	0.000	0.018	0.004	0.397
					COLD STAB	0.22	0.24	656.9	2.58	13.49	0.082	0.016	0.001	0.005	0.000	0.228
IHC = 0010 PPM HEXANE					HOT TRANS	0.42	0.70	600.1	2.88	14.73	0.050	0.010	0.003	0.006	0.002	0.181
ICO (ACT) = .03 % CO					72 FTP	0.37	3.45	667.6	2.84	13.15	0.069	0.014	0.000	0.011	0.005	1.543
ICO (SPEC) = 99.94 % CO					75 FTP	0.34	1.46	646.0	2.77	13.65	0.076	0.014	0.001	0.008	0.003	0.250
OTHER TESTS: 1,2,3,4,5,6					HFET	0.07	0.11	461.7	2.69	19.21						
028	75	FORD	TORI	351	COLD TRANS	0.89	8.08	908.5	2.84	9.61	0.102	0.020	0.000	0.021	0.037	0.909
					COLD STAB	0.17	0.42	913.5	1.80	9.70	0.041	0.007	0.000	0.003	0.002	0.149
IHC = 0010 PPM HEXANE					HOT TRANS	1.12	4.06	792.4	3.29	11.06	0.074	0.012	0.001	0.017	0.014	0.206
ICO (ACT) = .02 % CO					72 FTP	0.51	4.35	911.1	2.30	9.65	0.070	0.014	0.000	0.012	0.019	3.340
ICO (SPEC) = 99.99 % CO					75 FTP	0.58	3.25	879.4	2.42	10.01	0.062	0.011	0.001	0.011	0.012	0.322
OTHER TESTS: 1,2,3,4,5,6					HFET	0.10	0.90	605.7	3.09	14.61						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
029	75	FORD	LTD	460	COLD TRANS	2.46	29.24	1024.8	1.26	8.23	0.388	0.026	0.002	0.043	0.073	0.182
					COLD STAB	0.09	4.90	1062.3	0.98	8.29	0.106	0.006	0.001	0.003	0.002	0.011
IHC = 0010 PPM HEXANE					HOT TRANS	0.40	3.40	944.5	1.17	9.53	0.047	0.007	0.000	0.005	0.009	0.049
ICO (ACT) = .03 % CO					72 FTP	1.22	16.55	1044.4	1.11	8.26	0.141	0.015	0.001	0.022	0.180	0.660
ICO (SPEC) = 99.99 % CO					75 FTP	0.66	9.50	1022.4	1.09	8.54	0.161	0.010	0.001	0.012	0.080	0.057
OTHER TESTS: 1,2,3,4,5,6					HFET	0.01	0.21	693.6	1.27	12.79						
030	75	MERC	MARQ	400	COLD TRANS	1.09	24.37	1020.7	1.80	8.35	0.269	0.021	0.003	0.035	0.099	0.362
					COLD STAB	0.12	4.18	1040.7	1.47	8.47	0.115	0.010	0.002	0.010	0.000	0.093
IHC = 0008 PPM HEXANE					HOT TRANS	0.71	3.33	901.6	2.10	9.76	0.113	0.011	0.005	0.026	0.029	0.155
ICO (ACT) = .02 % CO					72 FTP	0.58	13.84	1031.1	1.63	8.41	0.184	0.015	0.002	0.032	0.048	1.349
ICO (SPEC) = 99.99 % CO					75 FTP	0.48	8.10	998.6	1.71	8.76	0.146	0.012	0.003	0.024	0.026	0.165
OTHER TESTS: 1,2,3,4,5,6					HFET	0.04	0.37	668.4	2.03	13.26						
031	75	MERC	COUG	351	COLD TRANS	1.03	7.99	834.5	3.49	10.38	0.145	0.028	0.002	0.022	0.028	0.487
					COLD STAB	0.16	0.42	847.7	2.92	10.45	0.081	0.014	0.003	0.005	0.000	0.051
IHC = 0005 PPM HEXANE					HOT TRANS	0.36	1.69	746.4	4.47	11.63	0.065	0.014	0.000	0.007	0.003	0.290
ICO (ACT) = .01 % CO					72 FTP	0.58	4.04	843.8	3.43	10.42	0.112	0.020	0.002	0.013	0.013	1.878
ICO (SPEC) = 99.99 % CO					75 FTP	0.40	2.33	818.4	3.56	10.78	0.090	0.017	0.002	0.009	0.007	0.312
OTHER TESTS: 1,2,3,4,5,6					HFET	0.18	4.99	597.2	2.34	14.88						
032	75	OLDS	CUTL	350	COLD TRANS	1.76	31.81	882.6	1.47	12.02	0.174	0.050	0.002	0.086	0.040	0.250
					COLD STAB	0.19	5.39	880.1	0.84	12.86	0.087	0.017	0.000	0.018	0.0	0.0
IHC = 0010 PPM HEXANE					HOT TRANS	1.06	19.92	598.9	1.09	14.01	0.147	0.031	0.002	0.073	0.015	0.101
ICO (ACT) = .05 % CO					72 FTP	0.94	18.04	881.3	1.04	12.45	0.131	0.033	0.001	0.051	0.019	0.696
ICO (SPEC) = 99.99 % CO					75 FTP	0.75	14.79	858.5	0.94	12.97	0.122	0.028	0.001	0.047	0.012	0.696
OTHER TESTS: 1,2,3,4,5,6					HFET	0.76	21.70	466.3	1.32	17.58						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
033	75	OLDS	CUTL	350	COLD TRANS	1.20	6.15	761.4	2.59	11.45	0.078	0.018	0.003	0.027	0.026	0.057
					COLD STAB	0.17	0.04	730.2	1.60	12.14	0.058	0.021	0.002	0.004	0.000	0.118
IHC = 0015 PPM HEXANE					HOT TRANS	0.19	1.03	638.8	2.61	13.85	0.042	0.013	0.001	0.003	0.0	0.156
ICO (ACT) = .02 % CO					72 FTP	0.66	2.96	745.1	2.08	11.80	0.066	0.019	0.002	0.015	0.028	0.138
ICO (SPEC) = 99.99 % CO					75 FTP	0.39	1.57	711.7	2.08	12.41	0.058	0.018	0.002	0.008	0.012	0.281
OTHER TESTS: 1,2,3,4,5,6					HFET	0.04	0.05	462.3	1.90	19.19						
034	75	OLDS	DELT	455	COLD TRANS	1.84	10.85	995.3	2.93	8.72	0.108	0.033	0.001	0.030	0.027	0.039
					COLD STAB	0.19	0.78	916.7	1.33	9.66	0.067	0.017	0.000	0.0	0.0	0.141
IHC = 0125 PPM HEXANE					HOT TRANS	0.37	4.20	811.9	2.36	10.83	0.060	0.013	0.000	0.004	0.003	0.090
ICO (ACT) = .05 % CO					72 FTP	0.98	5.60	954.3	2.09	9.19	0.087	0.024	0.001	0.014	0.015	2.389
ICO (SPEC) = 99.99 % CO					75 FTP	0.58	3.79	904.3	1.94	9.73	0.074	0.019	0.001	0.007	0.006	0.230
OTHER TESTS: 1,2,3,4,5,6					HFET	0.07	0.31	631.7	2.64	14.03						
035	75	PLYM	FURY	318	COLD TRANS	2.34	31.43	716.2	2.13	11.46	0.261	0.043	0.010	0.049	0.064	0.057
					COLD STAB	0.22	1.69	848.5	1.50	10.42	0.160	0.008	0.006	0.002	0.0	0.098
IHC = 0010 PPM HEXANE					HOT TRANS	0.71	4.16	686.3	2.55	12.73	0.179	0.019	0.004	0.011	0.001	0.119
ICO (ACT) = .02 % CO					72 FTP	1.23	16.03	785.2	1.80	10.90	0.268	0.025	0.008	0.025	0.031	2.410
ICO (SPEC) = .50 % CO					75 FTP	0.79	8.59	777.6	1.91	11.18	0.188	0.018	0.006	0.014	0.014	0.219
OTHER TESTS: 1,2,3,4,5,6					HFET	0.12	0.29	470.8	3.59	18.82						
036	75	PLYM	DUST	225	COLD TRANS	0.56	4.56	501.6	5.13	17.38	0.058	0.007	0.003	0.011	0.014	0.306
					COLD STAB	0.06	0.57	518.5	2.56	17.06	0.031	0.004	0.002	0.000	0.002	0.181
IHC = 0007 PPM HEXANE					HOT TRANS	0.35	1.95	441.2	5.33	19.93	0.041	0.009	0.003	0.007	0.002	0.217
ICO (ACT) = .02 % CO					72 FTP	0.30	2.48	510.4	3.80	17.23	0.044	0.006	0.002	0.010	0.006	1.395
ICO (SPEC) = .60 % CO					75 FTP	0.25	1.77	493.9	3.86	17.84	0.039	0.006	0.002	0.004	0.004	0.228
OTHER TESTS: 1,2,3,4,5,6					HFET	0.05	0.08	350.0	6.35	25.34						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
037	75	PONT	CATA	400	COLD TRANS	1.41	11.16	821.5	6.65	10.5[illegible]	0.178	0.022	0.001	0.0[illegible]	0.040	0.7[illegible]
					COLD STAB	0.31	1.62	603.5	4.50	10.[illegible]	0.241	0.013	0.000	0.0	0.0	0.080
IHC = 0050 PPM HEXANE					HOT TRANS	0.66	2.31	685.2	5.84	12.85	0.177	0.016	0.001	0.013	0.014	0.21[illegible]
ICO (ACT) = 02.50 % CO					72 FTP	0.84	6.29	812.1	5.53	10.76	0.211	0.017	0.001	0.013	0.019	2.0[illegible]
ICO (SPEC) = 99.99 % CO					75 FTP	0.63	3.88	774.9	5.31	11.33	0.210	0.016	0.001	0.009	0.013	0.248
OTHER TESTS: 1,2,3,4,5,6					HFET	0.08	0.0	537.3	6.35	16.51						
036	75	PONT	VENT	350	COLD TRANS	0.97	14.14	725.6	2.05	11.70	0.085	0.023	0.001	0.029	0.032	0.525
					COLD STAB	0.12	0.66	717.7	1.27	12.34	0.050	0.015	0.000	0.003	0.002	0.044
IHC = 0125 PPM HEXANE					HOT TRANS	0.16	0.69	655.2	1.81	13.51	0.039	0.011	0.000	0.003	0.001	0.085
ICO (ACT) = .08 % CO					72 FTP	0.52	9.50	721.5	1.64	12.03	0.067	0.019	0.001	0.015	0.016	1.908
ICO (SPEC) = 99.99 % CO					75 FTP	0.30	4.47	702.3	1.58	12.50	0.053	0.015	0.000	0.008	0.006	0.154
OTHER TESTS: 1,2,3,4,5,6					HFET	0.03	0.28	549.3	1.66	16.14						
039	75	PONT	GRNV	455	COLD TRANS	1.17	9.52	907.1	2.36	9.59	0.106	0.027	0.005	0.036	0.052	0.788
					COLD STAB	0.19	0.56	892.7	1.17	9.93	0.067	0.019	0.004	0.000	0.000	0.226
IHC = 0110 PPM HEXANE					HOT TRANS	0.30	1.81	770.9	1.95	11.46	0.072	0.023	0.002	0.005	0.000	0.324
ICO (ACT) = .03 % CO					72 FTP	0.66	4.86	899.6	1.75	9.76	0.086	0.023	0.004	0.017	0.025	2.937
ICO (SPEC) = 99.99 % CO					75 FTP	0.42	2.76	862.4	1.63	10.22	0.076	0.022	0.004	0.009	0.011	0.365
OTHER TESTS: 1,2,3,4,5,6					HFET	0.05	0.11	613.4	3.60	10.91						
040	76	CAPR	II	140	COLD TRANS	0.44	3.70	506.5	2.68	17.28	0.167	0.032	0.005	0.073	0.019	0.319
					COLD STAB	2.06	62.26	422.2	1.35	16.85	0.137	0.019	0.012	0.021	0.014	0.159
IHC = 0020 PPM HEXANE					HOT TRANS	1.03	16.94	401.0	2.23	20.60	0.068	0.021	0.001	0.045	0.010	0.243
ICO (ACT) = .02 % CO					72 FTP	1.28	34.23	462.6	1.99	17.05	0.151	0.025	0.008	0.046	0.017	1.230
ICO (SPEC) = 99.99 % CO					75 FTP	1.44	37.84	433.8	1.86	17.63	0.130	0.022	0.008	0.038	0.014	0.215
OTHER TESTS: 1,2,3,4,5,6					HFET	0.23	4.93	315.3	1.95	27.41						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
041	75	DATS	B210	85	COLD TRANS	0.72	13.37	380.4	3.61	21.99	0.060	0.014	0.001	0.024	0.026	0.769
					COLD STAB	0.26	1.42	331.2	2.09	26.49	0.038	0.006	0.000	0.007	0.003	0.315
IHC = 0020 PPM HEXANE					HOT TRANS	0.22	1.34	160.9	1.65	54.22	0.013	0.002	0.000	0.001	0.004	0.484
ICO (ACT) = .03 % CO					72 FTP	0.48	7.40	354.8	2.82	24.12	0.058	0.010	0.001	0.015	0.014	2.926
ICO (SPEC) = 02.00 % CO					75 FTP	0.34	4.12	294.9	2.28	29.35	0.040	0.007	0.000	0.010	0.008	0.454
OTHER TESTS: 1,2,3,4,5,6					HFET	0.13	0.78	268.5	3.40	32.86						
042	75	HOND	CVCC	91	COLD TRANS	1.41	13.45	344.6	2.41	23.47	0.073	0.013	0.000	0.034	0.073	0.005
					COLD STAB	0.23	5.51	301.2	1.78	28.95	0.038	0.006	0.002	0.012	0.032	0.270
IHC = 0060 PPM HEXANE					HOT TRANS	1.26	6.39	312.4	2.67	27.19	0.026	0.004	0.001	0.020	0.034	0.323
ICO (ACT) = .15 % CO					72 FTP	0.80	9.91	353.3	2.06	23.96	0.055	0.009	0.001	0.023	0.052	0.157
ICO (SPEC) = .20 % CO					75 FTP	0.75	7.39	344.4	2.15	24.76	0.042	0.007	0.002	0.019	0.041	0.230
OTHER TESTS: 1,2,3,4,5,6					HFET	0.05	1.95	247.3	3.17	35.43						
043	75	TOYO	CORO	133	COLD TRANS	0.48	5.75	500.8	3.47	17.36	0.063	0.008	0.002	0.008	0.012	0.238
					COLD STAB	0.06	0.52	352.0	1.24	16.05	0.021	0.000	0.002	0.001	0.000	0.026
IHC = 0010 PPM HEXANE					HOT TRANS	0.10	0.42	450.6	3.29	19.66	0.026	0.002	0.001	0.004	0.000	0.136
ICO (ACT) = .02 % CO					72 FTP	0.26	3.02	527.5	2.31	16.65	0.041	0.004	0.002	0.004	0.006	0.089
ICO (SPEC) = 99.99 % CO					75 FTP	0.15	1.57	513.8	2.26	17.17	0.031	0.002	0.002	0.003	0.003	0.101
OTHER TESTS: 1,2,3,4,5,6					HFET	0.04	0.10	328.9	4.19	26.96						
044	75	VOLK	SEDA	97	COLD TRANS	1.71	15.16	383.2	2.52	21.52	0.091	0.014	0.003	0.030	0.079	0.450
					COLD STAB	0.12	0.99	429.5	2.03	20.57	0.031	0.007	0.001	0.003	0.001	0.059
IHC = 0020 PPM HEXANE					HOT TRANS	0.38	5.28	354.1	2.51	24.41	0.038	0.008	0.001	0.007	0.006	0.122
ICO (ACT) = .07 % CO					72 FTP	0.88	7.77	407.4	2.27	21.01	0.059	0.010	0.002	0.016	0.038	1.574
ICO (SPEC) = 02.00 % CO					75 FTP	0.52	5.08	399.4	2.20	21.70	0.045	0.009	0.001	0.009	0.018	0.153
OTHER TESTS: 1,2,3,4,5,6					HFET	0.05	0.57	280.2	2.01	31.56						

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CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
045	75	VOLK	RABB	90	COLD TRANS	0.78	17.75	451.1	2.74	18.43	0.146	0.023	0.000	0.026	0.029	0.116
					COLD STAB	0.13	0.74	411.7	2.70	21.47	0.079	0.010	0.000	0.0	0.0	0.071
IHC = 0010 PPM HEXANE					HOT TRANS	0.33	6.29	377.9	2.94	22.63	0.099	0.017	0.001	0.009	0.001	0.005
ICO (ACT) = .02 % CO					72 FTP	0.44	8.88	430.6	2.72	19.90	0.111	0.016	0.000	0.013	0.014	0.062
ICO (SPEC) = .20 % CO					75 FTP	0.32	5.75	410.6	2.77	21.10	0.098	0.014	0.000	0.008	0.008	0.079
OTHER TESTS: 1,2,3,4,5,6					HFET	0.43	17.67	332.3	1.42	24.55						
046	74	AMC	MATA	304	COLD TRANS	4.61	53.39	670.4	6.42	11.54						
					COLD STAB	1.94	16.35	647.9	3.10	12.16						
IHC = 100 PPM HEXANE					HOT TRANS	3.33	16.65	542.0	6.19	14.11						
ICO (ACT) = 1.00 % CO					72 FTP	3.22	34.08	684.7	4.69	11.86						
ICO (SPEC) = 0.75 % CO					75 FTP	2.87	24.11	663.3	4.63	12.50						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
047	74	BUIC	ESTA	455	COLD TRANS	5.68	56.51	911.3	4.99	8.72						
					COLD STAB	4.14	40.65	817.3	3.32	9.42						
IHC = 0120 PPM HEXANE					HOT TRANS	4.06	22.26	752.2	5.46	11.09						
ICO (ACT) = 01.00 % CO					72 FTP	4.88	46.34	862.3	4.12	9.31						
ICO (SPEC) = 01.00 % CO					75 FTP	4.43	39.00	816.9	4.45	9.92						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
048	74	BUIC	CENT	350	COLD TRANS	2.85	43.19	715.0	5.44	11.21						
					COLD STAB	1.32	5.15	715.8	3.68	12.19						
IHC = 0015 PPM HEXANE					HOT TRANS	1.74	6.34	607.7	5.11	14.24						
ICO (ACT) = .10 % CO					72 FTP	2.05	23.36	715.4	4.53	11.70						
ICO (SPEC) = .30 % CO					75 FTP	1.75	13.31	686.1	4.44	12.46						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
049	74	CHEV	VEGA	140	COLD TRANS	3.25	61.94	507.0	3.23	14.44						
					COLD STAB	2.15	34.37	434.6	2.22	17.92						
IHC = 0125 PPM HEXANE					HOT TRANS	1.85	26.50	417.5	2.66	19.09						
ICO (ACT) = 04.30 % CO					72 FTP	2.68	47.57	469.3	2.76	16.06						
ICO (SPEC) = .50 % CO					75 FTP	2.29	37.90	444.8	2.55	17.35						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
050	74	CHEV	MONT	350	COLD TRANS	5.33	94.94	726.4	1.95	9.95						
					COLD STAB	2.35	46.84	727.4	1.13	10.98						
IHC = 0050 PPM HEXANE					HOT TRANS	2.54	33.96	616.9	2.13	13.68						
ICO (ACT) = 01.60 % CO					72 FTP	3.78	69.86	726.9	1.52	10.46						
ICO (SPEC) = 00.50 % CO					75 FTP	3.02	53.23	697.0	1.97	11.23						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
051	74	CHEV	CAMA	350	COLD TRANS	2.63	65.77	694.1	1.25	11.01						
					COLD STAB	1.30	15.02	704.1	0.71	12.13						
IHC = 0060 PPM HEXANE					HOT TRANS	1.86	12.45	619.4	1.19	13.76						
ICO (ACT) = 01.00 % CO					72 FTP	1.93	39.32	699.3	0.97	11.57						
ICO (SPEC) = .05 % CO					75 FTP	1.72	24.77	678.9	0.95	12.27						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
052	74	CHEV	MALI	350	COLD TRANS	4.61	79.55	733.4	2.39	10.17						
					COLD STAB	2.72	29.60	751.6	0.91	11.00						
IHC = 0050 PPM HEXANE					HOT TRANS	2.74	24.55	614.1	1.69	13.42						
ICO (ACT) = 00.80 % CO					72 FTP	3.63	53.51	742.9	1.62	10.39						
ICO (SPEC) = .50 % CO					75 FTP	3.11	38.50	716.3	1.43	11.37						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
053	74	CHEV	MONT	350	COLD TRANS	2.28	26.71	994.6	1.75	8.56						
					COLD STAB	0.66	14.83	1054.3	1.43	8.16						
IHC = 0020 PPM HEXANE					HOT TRANS	0.88	15.70	831.8	1.60	10.33						
ICO (ACT) = 00.50 % CO					72 FTP	1.44	23.12	1025.7	1.59	8.32						
ICO (SPEC) = 00.50 % CO					75 FTP	1.05	20.12	961.3	1.54	8.73						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
054	74	CHEV	CAPR	400	COLD TRANS	4.29	114.24	907.9	1.44	8.06						
					COLD STAB	1.07	7.19	893.1	1.00	9.78						
IHC = 0070 PPM HEXANE					HOT TRANS	1.57	10.76	747.9	1.43	11.53						
ICO (ACT) = .08 % CO					72 FTP	2.61	56.43	900.2	1.21	8.87						
ICO (SPEC) = .05 % CO					75 FTP	1.87	30.20	856.5	1.21	9.75						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
055	74	DODG	CHAR	225	COLD TRANS	4.83	119.94	536.4	1.66	11.96						
					COLD STAB	3.57	89.38	535.5	1.32	12.91						
IHC = 0060 PPM HEXANE					HOT TRANS	3.34	74.55	486.3	1.76	14.45						
ICO (ACT) = 02.00 % CO					72 FTP	4.18	104.01	536.9	1.48	12.44						
ICO (SPEC) = .50 % CO					75 FTP	3.77	91.62	522.7	1.51	13.08						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
056	74	DODG	DART	225	COLD TRANS	2.81	27.27	483.2	10.47	16.59						
					COLD STAB	1.78	27.10	481.8	4.74	16.75						
IHC = 0060 PPM HEXANE					HOT TRANS	1.72	12.85	427.7	8.94	19.58						
ICO (ACT) = 03.60 % CO					72 FTP	2.27	27.18	482.5	7.49	16.67						
ICO (SPEC) = .50 % CO					75 FTP	1.98	23.25	467.3	7.07	17.40						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & ALIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
057	74	FORD	PINT	140	COLD TRANS	1.47	24.67	488.6	1.79	16.66						
					COLD STAB	0.76	17.63	570.0	0.67	14.79						
IHC = 0030 PPM HEXANE					HOT TRANS	1.08	17.73	453.2	1.65	16.32						
ICO (ACT) = .20 % CO					72 FTP	1.10	21.00	531.0	1.31	15.64						
ICO (SPEC) = .15 % CO					75 FTP	1.00	19.10	521.4	1.27	16.00						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
058	74	FORD	MAVE	302	COLD TRANS	3.12	55.11	663.6	3.60	11.66						
					COLD STAB	2.04	37.16	634.5	1.56	12.69						
IHC = 0060 PPM HEXANE					HOT TRANS	2.25	38.29	611.0	1.23	13.09						
ICO (ACT) = 01.50 % CO					72 FTP	2.56	45.75	648.4	2.54	12.18						
ICO (SPEC) = .25 % CO					75 FTP	2.32	41.16	634.1	1.69	12.57						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
059	74	FORD	MAVE	250	COLD TRANS	2.19	35.01	563.2	4.86	14.20						
					COLD STAB	1.87	32.51	522.5	2.39	15.32						
IHC = 0028 PPM HEXANE					HOT TRANS	1.66	27.48	476.4	3.98	16.89						
ICO (ACT) = .75 % CO					72 FTP	2.02	33.70	542.0	3.56	14.76						
ICO (SPEC) = 01.00 % CO					75 FTP	1.93	31.55	518.3	3.24	15.46						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
060	74	FORD	LTD	400	COLD TRANS	3.21	70.52	775.4	5.51	9.90						
					COLD STAB	2.22	69.03	745.8	2.41	10.36						
IHC = 0010 PPM HEXANE					HOT TRANS	2.39	52.63	666.5	4.86	11.73						
ICO (ACT) = .05 % CO					72 FTP	2.70	69.74	766.0	3.89	10.11						
ICO (SPEC) = .40 % CO					75 FTP	2.47	64.86	730.3	3.72	10.57						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & ALIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
061	74	FORD	LTD	400	COLD TRANS	2.95	63.01	1032.4	1.65	7.78						
					COLD STAB	1.39	50.54	949.7	0.96	8.59						
IHC = 0050 PPM HEXANE					HOT TRANS	1.18	32.77	908.4	1.46	9.21						
ICO (ACT) = 01.90 % CO					72 FTP	2.14	56.51	989.3	1.26	8.16						
ICO (SPEC) = 00.40 % CO					75 FTP	1.65	46.26	955.4	1.21	8.56						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
062	74	LINC	MARK	460	COLD TRANS	2.03	28.73	907.1	5.99	9.24						
					COLD STAB	1.74	4.67	880.0	3.01	9.94						
IHC = 0020 PPM HEXANE					HOT TRANS	2.21	9.72	780.3	5.13	11.06						
ICO (ACT) = .06 % CO					72 FTP	2.17	16.18	893.0	4.44	9.59						
ICO (SPEC) = .40 % CO					75 FTP	2.05	11.00	858.4	4.20	10.06						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
063	74	MERC	MONT	460	COLD TRANS	1.67	33.82	862.0	3.06	9.44						
					COLD STAB	0.80	22.17	981.8	1.21	8.71						
IHC = 0015 PPM HEXANE					HOT TRANS	1.27	22.51	814.2	1.01	10.40						
ICO (ACT) = .30 % CO					72 FTP	1.22	27.75	934.0	2.10	9.04						
ICO (SPEC) = .40 % CO					75 FTP	1.11	24.66	915.5	1.54	9.27						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
064	74	OLDS	CUTL	350	COLD TRANS	2.91	40.65	826.0	1.64	9.87						
					COLD STAB	1.85	12.81	783.1	1.37	10.47						
IHC = 0040 PPM HEXANE					HOT TRANS	2.28	21.89	701.9	1.56	11.94						
ICO (ACT) = .10 % CO					72 FTP	2.36	26.14	803.6	1.50	10.42						
ICO (SPEC) = .20 % CO					75 FTP	2.19	21.02	769.8	1.46	10.96						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
065	74	OLDS	98	455	COLD TRANS	2.41	19.80	878.7	5.78	9.67						
					COLD STAB	1.75	6.76	636.3	4.84	10.41						
IHC = 0090 PPM HEXANE					HOT TRANS	2.16	8.63	747.0	6.54	11.57						
ICO (ACT) = .06 % CO					72 FTP	2.06	13.00	856.6	5.24	10.04						
ICO (SPEC) = .20 % CO					75 FTP	2.00	9.96	820.6	5.50	10.53						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
066	74	OLDS	98	455	COLD TRANS	3.36	35.30	1024.3	1.42	8.14						
					COLD STAB	1.42	8.68	966.9	1.30	9.01						
IHC = 0020 PPM HEXANE					HOT TRANS	1.64	9.69	856.6	1.44	10.12						
ICO (ACT) = .01 % CO					72 FTP	2.35	21.42	994.4	1.36	8.57						
ICO (SPEC) = .02 % CO					75 FTP	1.68	14.49	948.6	1.51	9.08						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
067	74	PLYM	SATE	318	COLD TRANS	5.01	89.44	637.9	2.02	11.17						
					COLD STAB	3.53	103.47	594.2	1.57	11.56						
IHC = 0040 PPM HEXANE					HOT TRANS	2.85	48.67	567.3	2.18	13.59						
ICO (ACT) = 04.80 % CO					72 FTP	4.24	96.75	615.1	1.79	11.37						
ICO (SPEC) = 00.50 % CO					75 FTP	3.65	85.69	545.8	1.63	11.96						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
068	74	PLYM	DUST	225	COLD TRANS	3.75	48.13	560.4	2.63	13.70						
					COLD STAB	2.66	61.86	464.2	1.70	15.05						
IHC = 0075 PPM HEXANE					HOT TRANS	3.75	44.04	470.0	2.27	16.16						
ICO (ACT) = 04.20 % CO					72 FTP	3.18	55.29	520.7	2.15	14.37						
ICO (SPEC) = 00.50 % CO					75 FTP	3.16	54.17	496.0	2.05	15.01						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
069	74	PONT	CATA	400	COLD TRANS	2.99	49.44	821.0	3.53	9.77						
					COLD STAB	2.52	29.82	790.4	1.52	10.50						
IHC = 0070 PPM HEXANE					HOT TRANS	2.78	19.14	701.8	2.38	11.96						
ICO (ACT) = 01.30 % CO					72 FTP	2.74	39.21	805.0	2.48	10.14						
ICO (SPEC) = .20 % CO					75 FTP	2.69	30.94	772.5	2.17	10.70						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
070	74	PONT	LEMA	350	COLD TRANS	3.09	36.84	1001.0	2.13	8.30						
					COLD STAB	2.51	15.02	1041.5	1.39	8.27						
IHC = 0220 PPM HEXANE					HOT TRANS	2.77	13.04	899.5	1.81	9.56						
ICO (ACT) = .07 % CO					72 FTP	2.78	25.47	1022.1	1.74	8.29						
ICO (SPEC) = .02 % CO					75 FTP	2.70	16.97	944.4	1.65	8.59						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
071	74	DATS	620	105	COLD TRANS	2.77	40.49	370.6	2.36	20.03						
					COLD STAB	2.47	29.30	369.7	1.72	20.01						
IHC = 0030 PPM HEXANE					HOT TRANS	2.03	21.45	355.2	2.07	22.45						
ICO (ACT) = 01.50 % CO					72 FTP	2.61	34.66	360.6	2.03	20.02						
ICO (SPEC) = 00.25 % CO					75 FTP	2.41	29.46	376.4	2.11	20.63						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
072	74	MAZD	RX3	70	COLD TRANS	6.19	34.54	591.0	2.36	13.35						
					COLD STAB	1.98	17.00	620.4	1.16	13.58						
IHC = 0575 PPM HEXANE					HOT TRANS	5.83	41.37	529.6	2.14	14.48						
ICO (ACT) = 03.20 % CO					72 FTP	3.99	25.39	606.3	1.74	13.47						
ICO (SPEC) = 02.00 % CO					75 FTP	3.89	27.26	589.5	1.66	13.77						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
073	74	TOYO	CORO	97	COLD TRANS	1.75	18.38	389.9	3.76	20.92						
					COLD STAB	0.62	9.52	457.9	1.54	18.69						
IHC = 0140 PPM HEXANE					HOT TRANS	1.05	9.23	365.0	3.61	23.19						
ICO (ACT) = 01.15 % CO					72 FTP	1.16	13.76	425.3	2.61	19.70						
ICO (SPEC) = 99.99 % CO					75 FTP	0.97	11.27	416.5	2.40	20.20						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
074	74	VOLK	SEDA	97	COLD TRANS	6.55	94.92	351.7	2.33	17.02						
					COLD STAB	10.33	183.34	294.0	0.74	14.43						
IHC = 0100 PPM HEXANE					HOT TRANS	5.53	45.26	290.8	2.63	19.38						
ICO (ACT) = 05.75 % CO					72 FTP	8.52	141.01	321.6	1.50	15.56						
ICO (SPEC) = 02.00 % CO					75 FTP	8.24	141.11	305.0	1.50	16.05						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
075	74	VOLK	THIN	97	COLD TRANS	4.62	44.42	324.3	2.22	21.71						
					COLD STAB	2.73	26.69	364.7	1.49	21.21						
IHC = 0010 PPM HEXANE					HOT TRANS	2.23	22.62	319.0	2.30	24.53						
ICO (ACT) = .25 % CO					72 FTP	3.63	36.22	345.4	1.84	21.45						
ICO (SPEC) = 01.00 % CO					75 FTP	2.98	30.33	343.9	1.86	22.13						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
101	73	AMC	HORN	258	COLD TRANS	3.55	60.07	501.1	4.67	14.63						
					COLD STAB	1.52	47.08	523.3	2.64	14.74						
IHC = 0175 PPM HEXANE					HOT TRANS	2.04	21.68	465.0	4.39	17.56						
ICO (ACT) = 03.06 % CO					72 FTP	2.49	53.30	512.7	3.30	14.64						
ICO (SPEC) = 01.05 % CO					75 FTP	2.08	42.82	502.6	3.22	15.39						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
102	73	BUIC	REGA	455	COLD TRANS	5.35	47.87	786.7	2.88	10.10						
					COLD STAB	3.68	48.32	794.3	1.75	10.06						
IHC = 0025 PPM HEXANE					HOT TRANS	2.79	21.20	659.4	3.01	12.64						
ICO (ACT) = .50 % CO					72 FTP	4.48	48.11	790.7	2.29	10.06						
ICO (SPEC) = 01.00 % CO					75 FTP	3.78	40.63	756.1	2.33	10.66						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
103	73	CADI	DEV1	472	COLD TRANS	3.85	72.53	628.5	3.50	9.30						
					COLD STAB	1.93	6.19	672.0	3.55	10.00						
IHC = 0010 PPM HEXANE					HOT TRANS	2.52	8.48	767.6	5.00	11.24						
ICO (ACT) = 00.25 % CO					72 FTP	2.85	37.94	651.2	3.53	9.65						
ICO (SPEC) = 01.00 % CO					75 FTP	2.49	20.60	634.6	3.94	10.14						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
104	73	CHEV	VEGA	140	COLD TRANS	2.74	36.21	412.2	6.37	16.57						
					COLD STAB	2.00	27.90	372.3	4.67	21.00						
IHC = 0080 PPM HEXANE					HOT TRANS	1.61	16.23	356.5	5.63	22.81						
ICO (ACT) = 01.85 % CO					72 FTP	2.36	31.86	391.5	5.46	19.76						
ICO (SPEC) = 01.20 % CO					75 FTP	2.05	26.43	376.8	5.34	20.69						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
105	73	CHEV	MONT	350	COLD TRANS	4.00	44.88	663.1	2.54	11.56						
					COLD STAB	2.07	20.98	667.5	1.07	12.55						
IHC = 0040 PPM HEXANE					HOT TRANS	2.53	17.63	597.8	2.32	14.00						
ICO (ACT) = .70 % CO					72 FTP	3.00	32.42	675.0	1.78	12.07						
ICO (SPEC) = 01.20 % CO					75 FTP	2.59	25.04	651.7	1.72	12.69						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
106	73	CHEV	NOVA	307	COLD TRANS	3.39	40.75	642.6	3.44	12.37						
					COLD STAB	2.56	33.13	638.3	2.17	12.71						
IHC = 0050 PPM HEXANE					HOT TRANS	2.33	21.49	563.8	3.38	14.67						
ICO (ACT) = 01.55 % CO					72 FTP	2.96	36.78	640.4	2.76	12.54						
ICO (SPEC) = 01.20 % CO					75 FTP	2.67	31.52	618.9	2.76	13.11						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
107	73	CHEV	IMPA	350	COLD TRANS	3.03	29.68	659.8	6.73	12.39						
					COLD STAB	2.34	31.08	643.5	4.61	12.68						
IHC = 0055 PPM HEXANE					HOT TRANS	2.32	20.61	585.8	7.30	14.18						
ICO (ACT) = 01.15 % CO					72 FTP	2.67	30.41	651.3	5.63	12.54						
ICO (SPEC) = .60 % CO					75 FTP	2.47	27.99	631.1	5.76	13.00						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
108	73	CHEV	CAPR	350	COLD TRANS	4.08	34.63	808.6	4.26	10.13						
					COLD STAB	2.74	20.54	782.5	2.06	10.78						
IHC = 0060 PPM HEXANE					HOT TRANS	3.59	18.83	704.2	4.23	11.91						
ICO (ACT) = .30 % CO					72 FTP	3.38	27.28	795.0	3.12	10.46						
ICO (SPEC) = 01.20 % CO					75 FTP	3.25	22.97	766.5	3.12	10.92						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
109	73	CHEV	CAPR	400	COLD TRANS	2.33	56.66	750.4	3.42	10.48						
					COLD STAB	1.51	27.20	744.2	2.20	11.21						
IHC = 0030 PPM HEXANE					HOT TRANS	1.48	15.56	672.4	4.55	12.65						
ICO (ACT) = 01.15 % CO					72 FTP	1.90	41.30	747.2	2.76	10.65						
ICO (SPEC) = 01.20 % CO					75 FTP	1.67	30.09	725.9	3.09	11.40						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
110	73	DODG	DART	225	COLD TRANS	2.47	13.11	509.6	4.56	16.50						
					COLD STAB	1.91	4.28	460.0	4.04	18.77						
IHC = 0100 PPM HEXANE					HOT TRANS	2.35	7.94	458.5	8.34	16.55						
ICO (ACT) = .10 % CO					72 FTP	2.18	8.51	483.7	6.66	17.61						
ICO (SPEC) = .50 % CO					75 FTP	2.14	7.10	469.8	6.35	18.20						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
111	73	FORD	PINT	122	COLD TRANS	2.98	46.44	402.6	3.03	18.30						
					COLD STAB	1.80	39.78	378.6	1.98	19.87						
IHC = 0100 PPM HEXANE					HOT TRANS	1.59	22.44	364.8	3.09	21.91						
ICO (ACT) = 02.80 % CO					72 FTP	2.36	42.97	390.1	2.49	19.06						
ICO (SPEC) = 01.50 % CO					75 FTP	1.98	36.42	379.8	2.50	20.02						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
112	73	FORD	TORI	351	COLD TRANS	5.39	82.68	687.6	3.25	10.63						
					COLD STAB	2.78	53.30	742.6	2.67	10.63						
IHC = 0750 PPM HEXANE					HOT TRANS	4.68	41.28	647.1	3.64	12.21						
ICO (ACT) = 02.50 % CO					72 FTP	4.03	67.36	716.3	2.94	10.63						
ICO (SPEC) = 00.50 % CO					75 FTP	3.64	56.07	705.2	3.05	11.02						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
113	73	FORD	MAVI	302	COLD TRANS	3.41	27.34	642.0	2.63	12.76						
					COLD STAB	2.46	26.57	620.3	1.30	13.25						
IHC = 0375 PPM HEXANE					HOT TRANS	2.97	14.78	556.5	2.49	15.06						
ICO (ACT) = .60 % CO					72 FTP	2.91	26.94	630.7	1.94	13.01						
ICO (SPEC) = .20 % CO					75 FTP	2.79	23.51	607.4	1.90	13.59						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & ALIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
114	73	FORD	LTD	400	COLD TRANS	27.32	44.37	841.2	4.85	8.90						
					COLD STAB	15.89	34.11	884.2	3.17	8.98						
IHC = 0650 PPM HEXANE					HOT TRANS	15.86	22.24	729.0	4.27	10.90						
ICO (ACT) = 01.50 % CO					72 FTP	21.36	39.02	863.6	3.97	8.94						
ICO (SPEC) = .50 % CO					75 FTP	18.23	32.98	833.0	3.81	9.42						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
115	73	FORD	COUN	429	COLD TRANS	7.24	87.40	696.4	8.17	10.36						
					COLD STAB	8.13	154.15	583.4	3.37	10.42						
IHC = 0225 PPM HEXANE					HOT TRANS	6.00	78.42	592.9	7.12	12.07						
ICO (ACT) = 06.80 % CO					72 FTP	7.71	122.20	637.5	5.66	10.39						
ICO (SPEC) = 00.50 % CO					75 FTP	7.37	119.75	609.2	5.38	10.81						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
116	73	MERC	COLD	400	COLD TRANS	3.89	66.14	763.0	7.71	10.09						
					COLD STAB	2.55	53.69	798.6	3.57	9.96						
IHC = 0075 PPM HEXANE					HOT TRANS	2.67	34.48	667.8	7.13	11.83						
ICO (ACT) = 03.00 % CO					72 FTP	3.19	59.75	761.6	5.55	10.02						
ICO (SPEC) = .50 % CO					75 FTP	2.86	51.11	761.0	5.34	10.44						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
117	73	OLDS	TORO	455	COLD TRANS	2.48	25.86	869.7	5.27	9.67						
					COLD STAB	1.78	8.98	826.2	6.27	10.49						
IHC = 0025 PPM HEXANE					HOT TRANS	1.40	10.03	777.9	4.45	11.12						
ICO (ACT) = .08 % CO					72 FTP	2.12	17.06	847.0	5.79	10.08						
ICO (SPEC) = .30 % CO					75 FTP	1.82	12.74	822.0	5.57	10.47						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1. = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
118	73	OLDS	VIST	350	COLD TRANS	3.44	44.28	781.7	4.31	10.29						
					COLD STAB	2.43	40.81	768.0	2.67	10.57						
IHC = 0030 PPM HEXANE					HOT TRANS	2.01	22.83	690.4	3.82	12.11						
ICO (ACT) = .85 % CO					72 FTP	2.91	42.47	774.6	3.46	10.43						
ICO (SPEC) = .30 % CO					75 FTP	2.52	36.62	749.7	3.32	10.69						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
119	73	PLYM	BARR	318	COLD TRANS	14.58	217.90	522.7	6.88	9.74						
					COLD STAB	2.61	21.04	534.0	3.60	15.41						
IHC = 0080 PPM HEXANE					HOT TRANS	2.76	19.40	469.2	6.73	16.79						
ICO (ACT) = .06 % CO					72 FTP	6.44	115.27	528.6	5.17	12.05						
ICO (SPEC) = .50 % CO					75 FTP	5.22	61.11	519.5	5.13	14.04						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
120	73	PLYM	DUST	225	COLD TRANS	3.57	57.84	501.8	8.35	14.69						
					COLD STAB	2.93	49.74	437.1	3.69	16.94						
IHC = 0085 PPM HEXANE					HOT TRANS	2.89	31.47	430.3	6.77	18.15						
ICO (ACT) = 02.80 % CO					72 FTP	3.24	53.62	466.0	5.92	15.78						
ICO (SPEC) = 00.50 % CO					75 FTP	3.05	46.42	448.5	5.49	16.71						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
121	73	PONT	GRAN	400	COLD TRANS	4.06	36.80	837.0	3.21	9.74						
					COLD STAB	2.99	17.13	868.0	1.31	9.81						
IHC = 0090 PPM HEXANE					HOT TRANS	3.06	12.03	756.7	2.25	11.30						
ICO (ACT) = .35 % CO					72 FTP	3.50	27.51	853.1	2.22	9.78						
ICO (SPEC) = .20 % CO					75 FTP	3.23	20.20	831.2	1.98	10.16						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
122	73	PONT	LEMA	400	COLD TRANS	3.18	37.46	846.2	3.70	9.68						
					COLD STAB	4.23	21.02	718.1	3.08	11.61						
IHC = 0060 PPM HEXANE					HOT TRANS	5.44	10.59	657.3	6.24	12.64						
ICO (ACT) = 01.00 % CO					72 FTP	3.73	28.89	760.4	3.38	10.60						
ICO (SPEC) = 00.20 % CO					75 FTP	4.34	21.56	728.3	4.07	11.44						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
123	73	DATS	1600	97	COLD TRANS	1.90	20.57	388.2	4.92	20.81						
					COLD STAB	2.05	21.66	396.1	2.57	20.24						
IHC = 0250 PPM HEXANE					HOT TRANS	1.96	15.31	348.8	5.22	23.41						
ICO (ACT) = 01.00 % CO					72 FTP	1.98	21.14	393.4	3.69	20.50						
ICO (SPEC) = 01.50 % CO					75 FTP	2.00	19.70	382.6	3.76	21.14						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
124	73	OPEL	MANT	116	COLD TRANS	3.75	74.85	344.4	1.52	16.71						
					COLD STAB	3.68	106.68	333.3	0.66	17.32						
IHC = 0110 PPM HEXANE					HOT TRANS	2.73	60.87	310.7	1.37	21.39						
ICO (ACT) = 05.05 % CO					72 FTP	3.71	91.44	336.8	1.67	17.96						
ICO (SPEC) = 01.50 % CO					75 FTP	3.43	87.63	329.5	1.03	18.56						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
125	73	TOYO	CORO	97	COLD TRANS	3.21	39.90	375.2	4.80	19.81						
					COLD STAB	2.35	30.75	340.6	1.94	22.39						
IHC = 0250 PPM HEXANE					HOT TRANS	2.06	24.75	332.9	4.05	23.46						
ICO (ACT) = 05.40 % CO					72 FTP	2.76	35.13	357.2	3.31	21.06						
ICO (SPEC) = 02.00 % CO					75 FTP	2.45	31.00	345.6	3.11	22.07						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
126	73	VOLK	412	103	COLD TRANS	2.63	31.46	461.8	5.84	17.08						
					COLD STAB	1.71	22.02	437.6	4.04	18.58						
IHC = 0090 PPM HEXANE					HOT TRANS	1.53	16.96	405.9	5.17	20.29						
ICO (ACT) = 01.25 % CO					72 FTP	2.15	26.54	449.2	4.90	17.83						
ICO (SPEC) = 99.99 % CO					75 FTP	1.85	22.58	433.9	4.72	18.67						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
127	73	VOLK	SEDA	97	COLD TRANS	3.30	30.30	316.1	3.87	23.72						
					COLD STAB	2.67	33.80	324.0	1.65	23.02						
IHC = 0125 PPM HEXANE					HOT TRANS	2.50	25.84	293.1	3.26	25.98						
ICO (ACT) = 01.50 % CO					72 FTP	2.98	32.13	320.2	2.82	23.35						
ICO (SPEC) = 02.00 % CO					75 FTP	2.76	30.91	313.9	2.65	23.91						
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0						
076	72	AMC	GREM	232	COLD TRANS	3.03	22.66	462.5	6.88	16.81						
					COLD STAB	3.25	12.59	434.2	2.43	19.12						
IHC = 0170 PPM HEXANE					HOT TRANS	3.22	10.07	414.8	6.54	20.13						
ICO (ACT) = .05 % CO					72 FTP	3.14	17.51	457.3	4.56	17.94						
ICO (SPEC) = 01.00 % CO					75 FTP	3.20	14.02	438.8	4.47	18.84						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
077	72	BUIC	SKYL	350	COLD TRANS	3.24	51.55	674.0	6.15	11.60						
					COLD STAB	2.34	25.13	581.7	4.54	14.12						
IHC = 0110 PPM HEXANE					HOT TRANS	1.88	15.35	534.4	6.05	15.72						
ICO (ACT) = .95 % CO					72 FTP	2.77	37.78	625.9	5.31	12.79						
ICO (SPEC) = .80 % CO					75 FTP	2.40	27.90	587.8	5.26	13.66						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
078	72	CADI	DEVI	472	COLD TRANS	3.61	124.28	807.0	6.47	8.75						
					COLD STAB	1.61	59.51	870.4	3.18	9.16						
IHC = 0035 PPM HEXANE					HOT TRANS	1.66	38.51	756.6	8.54	10.74						
ICO (ACT) = 01.50 % CO					72 FTP	2.57	90.52	840.1	4.76	8.96						
ICO (SPEC) = 01.00 % CO					75 FTP	2.03	67.11	826.3	5.32	9.46						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
079	72	CHEV	VEGA	140	COLD TRANS	2.96	42.19	499.3	2.37	15.44						
					COLD STAB	0.81	13.08	433.8	1.86	19.42						
IHC = 0030 PPM HEXANE					HOT TRANS	0.96	13.97	434.2	2.56	19.33						
ICO (ACT) = 01.00 % CO					72 FTP	1.84	27.02	465.1	2.10	17.29						
ICO (SPEC) = 01.20 % CO					75 FTP	1.29	19.32	447.4	2.16	18.42						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
080	72	CHEV	CHEL	350	COLD TRANS	3.08	27.97	684.8	4.49	12.02						
					COLD STAB	1.62	23.37	672.4	1.78	12.43						
IHC = 0100 PPM HEXANE					HOT TRANS	1.39	17.71	586.5	3.70	14.30						
ICO (ACT) = .85 % CO					72 FTP	2.32	25.57	678.3	3.08	12.23						
ICO (SPEC) = .20 % CO					75 FTP	1.86	22.77	652.1	2.86	12.79						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
081	72	CHEV	MONT	350	COLD TRANS	1.60	25.00	766.6	3.69	10.65						
					COLD STAB	1.67	21.81	663.6	1.98	12.27						
IHC = 0065 PPM HEXANE					HOT TRANS	1.83	15.70	607.3	3.96	13.92						
ICO (ACT) = 01.40 % CO					72 FTP	1.64	23.34	733.9	2.89	11.44						
ICO (SPEC) = 00.60 % CO					75 FTP	1.70	20.80	664.4	2.91	12.28						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
082	72	CHEV	NOVA 250		COLD TRANS	3.63	17.43	563.8	6.43	14.73						
					COLD STAB	1.81	4.71	540.1	2.66	16.04						
IHC = 0080 PPM HEXANE					HOT TRANS	1.95	4.86	486.1	6.11	17.75						
ICO (ACT) = 00.30 % CO					72 FTP	2.68	10.80	551.5	4.46	15.38						
ICO (SPEC) = 01.20 % CO					75 FTP	2.22	7.37	530.3	4.36	16.17						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
083	72	CHEV	IMPA 350		COLD TRANS	2.61	74.63	721.1	5.09	10.47						
					COLD STAB	1.03	27.50	699.5	2.40	11.40						
IHC = 0040 PPM HEXANE					HOT TRANS	1.23	23.27	627.8	5.65	13.26						
ICO (ACT) = 01.50 % CO					72 FTP	1.88	50.16	709.8	3.69	11.17						
ICO (SPEC) = .06 % CO					75 FTP	1.45	36.09	684.4	3.84	11.90						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
084	72	CHEV	KING 400		COLD TRANS	7.45	39.32	760.1	4.00	10.50						
					COLD STAB	11.86	7.01	764.5	2.31	10.91						
IHC = 0525 PPM HEXANE					HOT TRANS	7.13	12.08	671.8	3.88	12.44						
ICO (ACT) = .05 % CO					72 FTP	9.75	22.48	762.4	3.12	10.71						
ICO (SPEC) = .60 % CO					75 FTP	9.66	15.05	738.3	3.09	11.20						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
085	72	DODG	CORO 318		COLD TRANS	3.89	65.18	635.2	7.33	11.83						
					COLD STAB	3.51	52.37	646.2	3.67	11.04						
IHC = 0085 PPM HEXANE					HOT TRANS	3.29	51.43	573.8	8.03	13.33						
ICO (ACT) = 05.00 % CO					72 FTP	3.69	74.87	640.9	5.42	11.41						
ICO (SPEC) = .50 % CO					75 FTP	3.53	76.26	624.2	5.02	11.75						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
086	72	FORD	PINT	122	COLD TRANS	5.35	57.95	346.9	6.04	19.51						
					COLD STAB	4.70	71.96	347.2	4.31	16.66						
IHC = 0070 PPM HEXANE					HOT TRANS	3.41	43.00	328.9	6.24	21.79						
ICO (ACT) = 02.75 % CO					72 FTP	5.01	65.26	347.1	5.14	19.07						
ICO (SPEC) = 01.30 % CO					75 FTP	4.48	61.16	342.2	5.19	19.61						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
087	72	FORD	TORI	302	COLD TRANS	5.44	49.97	567.1	5.77	13.39						
					COLD STAB	3.07	23.16	529.6	3.51	15.42						
IHC = 0030 PPM HEXANE					HOT TRANS	3.59	20.17	516.2	6.01	15.67						
ICO (ACT) = 00.10 % CO					72 FTP	4.21	35.99	547.5	4.59	14.37						
ICO (SPEC) = 00.40 % CO					75 FTP	3.70	27.66	533.6	4.66	15.06						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
088	72	FORD	MUST	250	COLD TRANS	3.92	75.90	621.1	6.77	11.79						
					COLD STAB	1.61	42.75	619.6	3.14	12.63						
IHC = 0050 PPM HEXANE					HOT TRANS	2.42	28.00	518.7	6.15	15.56						
ICO (ACT) = 01.05 % CO					72 FTP	2.72	56.62	620.3	4.87	12.31						
ICO (SPEC) = .80 % CO					75 FTP	2.31	45.55	592.4	4.71	13.22						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
089	72	FORD	TORI	351	COLD TRANS	4.73	88.60	666.7	5.62	10.78						
					COLD STAB	3.05	65.79	637.4	3.07	11.35						
IHC = 75 PPM HEXANE					HOT TRANS	4.11	58.68	563.3	4.95	13.27						
ICO (ACT) = 03.10 % CO					72 FTP	3.85	87.14	652.4	3.77	11.07						
ICO (SPEC) = 00.10 % CO					75 FTP	3.69	79.03	623.6	3.59	11.69						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
090	72	FORD	LTD	400	COLD TRANS	9.39	78.96	675.2	9.66	10.71						
					COLD STAB	3.31	68.16	676.4	7.45	11.18						
IHC = 0060 PPM HEXANE					HOT TRANS	3.53	38.24	615.7	10.79	12.92						
ICO (ACT) = 04.60 % CO					72 FTP	6.22	73.33	675.8	8.51	10.95						
ICO (SPEC) = .10 % CO					75 FTP	4.62	62.22	659.6	8.82	11.50						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
091	72	MERC	MONT	351	COLD TRANS	3.07	45.28	606.4	3.86	12.91						
					COLD STAB	2.26	35.43	732.3	2.03	11.16						
IHC = 0020 PPM HEXANE					HOT TRANS	2.60	25.69	532.1	3.92	15.28						
ICO (ACT) = .40 % CO					72 FTP	2.65	40.15	672.0	2.91	11.94						
ICO (SPEC) = .50 % CO					75 FTP	2.52	34.60	651.7	2.92	12.42						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
092	72	OLDS	DELT	350	COLD TRANS	4.15	34.58	703.1	11.02	11.52						
					COLD STAB	3.11	19.01	666.1	6.08	12.57						
IHC = 0080 PPM HEXANE					HOT TRANS	3.02	10.80	569.1	10.47	14.42						
ICO (ACT) = 05.40 % CO					72 FTP	3.61	26.47	683.8	8.44	12.05						
ICO (SPEC) = 00.30 % CO					75 FTP	3.30	19.98	652.7	8.29	12.78						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
093	72	PLYM	DUST	225	COLD TRANS	3.67	68.08	504.9	6.22	14.23						
					COLD STAB	2.55	27.85	465.7	2.73	17.15						
IHC = 0120 PPM HEXANE					HOT TRANS	2.84	26.06	445.0	6.12	17.62						
ICO (ACT) = 01.05 % CO					72 FTP	3.09	47.11	484.5	4.40	15.62						
ICO (SPEC) = 01.00 % CO					75 FTP	2.86	36.19	466.1	4.37	16.62						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
094	72	PLYM	SATE	400	COLD TRANS	1.99	54.37	672.0	3.54	11.62						
					COLD STAB	0.71	30.02	726.8	1.36	11.43						
IHC = 0020 PPM HEXANE					HOT TRANS	1.10	19.16	542.8	3.93	14.17						
ICO (ACT) = .40 % CO					72 FTP	1.32	41.67	700.6	2.40	11.52						
ICO (SPEC) = .50 % CO					75 FTP	1.08	32.07	679.0	2.51	12.11						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
095	72	PONT	BONN	455	COLD TRANS	3.38	35.49	758.4	5.56	10.76						
					COLD STAB	2.42	29.17	810.1	3.18	10.28						
IHC = 0125 PPM HEXANE					HOT TRANS	2.14	17.10	674.6	6.10	12.44						
ICO (ACT) = 01.15 % CO					72 FTP	2.88	32.20	785.4	4.51	10.50						
ICO (SPEC) = .80 % CO					75 FTP	2.54	27.18	763.9	4.55	10.69						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
096	72	PONT	CATA	400	COLD TRANS	5.54	46.33	657.3	4.75	10.74						
					COLD STAB	3.01	52.97	679.2	3.03	11.50						
IHC = 0115 PPM HEXANE					HOT TRANS	3.68	27.81	603.4	7.07	13.47						
ICO (ACT) = 02.10 % CO					72 FTP	4.22	73.72	668.7	3.65	11.12						
ICO (SPEC) = .80 % CO					75 FTP	3.71	55.03	654.0	4.48	11.60						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
097	72	DATS	510	71	COLD TRANS	2.71	21.38	329.6	5.20	23.88						
					COLD STAB	3.29	29.76	336.6	4.32	22.54						
IHC = 100 PPM HEXANE					HOT TRANS	2.59	16.80	296.7	5.52	26.79						
ICO (ACT) = 1.50 % CO					72 FTP	3.01	25.75	333.2	4.74	23.16						
ICO (SPEC) = 2.00 % CO					75 FTP	2.98	24.50	324.2	4.83	23.85						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						

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APPENDIX C (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY	METHANE (CH4)	ETHANE (C2H6)	PROPANE (C3H8)	BENZENE (C6H6)	ACETYLENE (C2H2)	ALIPHATIC ALDEHYDES (R-CHO)
098	72	TOYO	CORO	120	COLD TRANS	4.60	139.17	337.4	1.30	15.55						
					COLD STAB	3.61	120.40	274.2	0.53	16.64						
IHC = 0130 PPM HEXANE					HOT TRANS	3.59	109.55	261.2	0.59	19.96						
ICO (ACT) = .30 % CO					72 FTP	4.08	129.38	304.4	0.90	17.05						
ICO (SPEC) = .25 % CO					75 FTP	3.81	121.30	283.6	0.82	18.25						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
099	72	VOLK	SEDA	97	COLD TRANS	3.07	30.16	218.1	3.02	32.25						
					COLD STAB	3.31	43.95	218.9	1.45	29.74						
IHC = 0100 PPM HEXANE					HOT TRANS	2.51	26.22	203.3	3.03	35.16						
ICO (ACT) = 04.20 % CO					72 FTP	3.19	37.35	218.5	2.20	30.89						
ICO (SPEC) = 02.00 % CO					75 FTP	3.04	36.26	214.4	2.20	31.57						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						
100	72	VOLK	SQUA	103	COLD TRANS	5.87	68.45	320.9	3.66	19.85						
					COLD STAB	5.03	56.61	357.0	2.41	19.22						
IHC = 0150 PPM HEXANE					HOT TRANS	2.46	35.30	343.1	3.14	21.84						
ICO (ACT) = 02.75 % CO					72 FTP	5.43	62.28	339.7	3.02	19.52						
ICO (SPEC) = 02.00 % CO					75 FTP	4.50	53.23	345.7	2.87	20.00						
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0						

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OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APHMATIC ALDEHYDES

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
001	75	CHEV	C10	350.	COLD TRANS	1.20	25.12	654.5	3.04	12.72
					COLD STAB	0.39	2.53	657.6	1.39	13.39
IHC = 0070 PPM HEXANE					HOT TRANS	1.08	3.21	595.7	2.68	14.69
ICO (ACT) = 00.05 % CO					72 FTP	0.78	13.34	656.1	2.18	13.06
ICO (SPEC) = 99.99 % CO					75 FTP	0.74	7.36	640.1	2.08	13.57
OTHER TESTS: 1,2,3					HFET	0.10	2.41	473.1	2.59	18.60
002	75	CHEV	C10	350.	COLD TRANS	1.35	26.95	669.0	1.75	12.40
					COLD STAB	0.18	7.13	681.1	0.69	12.81
IHC = 0040 PPM HEXANE					HOT TRANS	0.28	4.39	612.1	1.69	14.32
ICO (ACT) = 00.02 % CO					72 FTP	0.74	16.62	675.3	1.20	12.61
ICO (SPEC) = 99.99 % CO					75 FTP	0.45	10.46	659.8	1.18	13.10
OTHER TESTS: 1,2,3					HFET	0.04	0.45	489.7	1.84	18.09
003	75	CHEV	C10	350.	COLD TRANS	1.65	17.20	763.8	1.90	11.15
					COLD STAB	0.62	0.0	779.8	1.21	11.35
IHC = 0075 PPM HEXANE					HOT TRANS	0.62	2.19	657.1	1.63	13.40
ICO (ACT) = 00.00 % CO					72 FTP	1.11	8.24	772.1	1.54	11.25
ICO (SPEC) = 99.99 % CO					75 FTP	0.83	4.14	743.0	1.47	11.80
OTHER TESTS: 1,2,3					HFET	0.10	0.06	494.5	1.46	17.93
004	75	GMC	1500	350.	COLD TRANS	1.30	19.68	655.0	5.22	12.86
					COLD STAB	0.28	0.19	638.6	2.81	13.87
IHC = 0045 PPM HEXANE					HOT TRANS	0.48	0.94	587.2	5.66	15.04
ICO (ACT) = 00.05 % CO					72 FTP	0.76	9.52	646.5	3.96	13.37
ICO (SPEC) = 99.99 % CO					75 FTP	0.54	4.41	628.0	4.09	13.94
OTHER TESTS: 1,2,3					HFET	0.10	0.02	494.3	6.24	17.94

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
005	75	DODG	B100	318.	COLD TRANS	1.85	45.28	641.8	4.85	12.35
					COLD STAB	0.62	17.57	682.5	1.75	12.46
IHC = 0160 PPM HEXANE					HOT TRANS	0.65	5.53	602.2	4.13	14.48
ICO (ACT) = 00.25 % CO					72 FTP	1.21	30.83	663.0	3.23	12.41
ICO (SPEC) = 00.30 % CO					75 FTP	0.88	19.99	652.2	3.04	12.93
OTHER TESTS: 1,2,3					HFET	0.10	1.05	472.5	6.47	18.71
006	75	FORD	F100	390.	COLD TRANS	1.12	12.24	817.4	2.43	10.56
					COLD STAB	0.78	10.79	840.3	1.47	10.32
IHC = 0250 PPM HEXANE					HOT TRANS	1.19	7.97	704.6	1.92	12.31
ICO (ACT) = 00.05 % CO					72 FTP	0.95	11.48	829.3	1.93	10.44
ICO (SPEC) = 99.99 % CO					75 FTP	0.96	10.32	798.5	1.79	10.85
OTHER TESTS: 1,2,3					HFET	0.49	3.48	551.7	1.49	15.89
007	75	FORD	F100	302.	COLD TRANS	1.02	16.23	674.2	1.84	12.63
					COLD STAB	0.29	0.40	707.9	1.52	12.51
IHC = 0060 PPM HEXANE					HOT TRANS	0.50	3.38	615.3	1.73	14.27
ICO (ACT) = 00.00 % CO					72 FTP	0.64	7.98	691.7	1.67	12.57
ICO (SPEC) = 99.99 % CO					75 FTP	0.50	4.47	675.7	1.64	12.97
OTHER TESTS: 1,2,3					HFET	0.14	0.42	460.5	1.69	19.23
008	75	FORD	F100	360.	COLD TRANS	1.52	54.94	727.9	3.12	10.84
					COLD STAB	0.71	31.80	737.7	1.82	11.24
IHC = 0150 PPM HEXANE					HOT TRANS	0.74	19.91	634.3	3.00	13.29
ICO (ACT) = 03.30 % CO					72 FTP	1.10	42.88	733.0	2.44	11.04
ICO (SPEC) = 99.99 % CO					75 FTP	0.89	33.32	707.5	2.41	11.64
OTHER TESTS: 1,2,3					HFET	0.18	4.77	526.7	2.61	16.60

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
009	75	FORD	F100	360.	COLD TRANS	5.77	21.61	702.1	1.95	11.77
					COLD STAB	11.04	24.95	718.5	1.02	11.20
IHC = 2000 PPM HEXANE					HOT TRANS	6.61	14.84	593.0	1.56	13.93
ICO (ACT) = 00.70 % CO					72 FTP	6.52	23.35	710.7	1.46	11.46
ICO (SPEC) = 99.99 % CO					75 FTP	8.74	21.51	680.9	1.36	11.95
OTHER TESTS: 1,2,3					HFET	1.34	5.07	438.1	0.91	19.71
010	75	GMC	C15	350.	COLD TRANS	2.84	47.92	627.0	2.08	12.48
					COLD STAB	2.17	56.52	654.9	0.89	11.82
IHC = 0275 PPM HEXANE					HOT TRANS	1.23	23.53	602.2	1.84	13.80
ICO (ACT) = 05.40 % CO					72 FTP	2.49	52.40	641.6	1.46	12.13
ICO (SPEC) = 99.99 % CO					75 FTP	2.05	45.75	634.8	1.39	12.44
OTHER TESTS: 1,2,3					HFET	0.12	1.93	449.1	1.92	19.61
011	75	AMC	GREM	258.	COLD TRANS	1.56	37.55	489.1	2.29	16.05
					COLD STAB	1.47	24.70	485.6	3.13	16.78
IHC = 0230 PPM HEXANE					HOT TRANS	1.48	14.57	445.3	2.62	18.77
ICO (ACT) = 01.80 % CO					72 FTP	1.51	30.85	487.3	2.73	16.42
ICO (SPEC) = 01.00 % CO					75 FTP	1.49	24.58	475.3	2.82	17.11
OTHER TESTS: 1,2,3,4,5					HFET	0.46	3.57	371.3	2.52	23.46
012	75	BUIC	REGA	350.	COLD TRANS	1.53	29.31	605.8	2.59	13.52
					COLD STAB	0.16	0.73	628.6	1.31	14.08
IHC = 0025 PPM HEXANE					HOT TRANS	0.30	2.81	560.7	2.32	15.66
ICO (ACT) = 00.03 % CO					72 FTP	0.81	14.41	617.7	1.92	13.81
ICO (SPEC) = 99.99 % CO					75 FTP	0.48	7.18	605.4	1.85	14.36
OTHER TESTS: 1,2,3,4,5					HFET	0.06	0.77	461.6	3.21	19.17

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
013	75	BUIC	ELEC	455.	COLD TRANS	1.76	17.91	728.1	7.91	11.65
					COLD STAB	1.56	23.32	751.7	4.33	11.19
IHC = 0100 PPM HEXANE					HOT TRANS	1.12	10.68	661.7	7.97	13.01
ICO (ACT) = 00.43 % CO					72 FTP	1.66	20.73	740.4	6.04	11.40
ICO (SPEC) = 99.99 % CO					75 FTP	1.48	18.76	722.3	6.06	11.73
OTHER TESTS: 1,2,3,4,5					HFET	0.20	1.46	508.8	6.96	17.34
014	75	BUIC	LESA	350.	COLD TRANS	1.61	21.41	653.0	3.25	12.83
					COLD STAB	0.19	1.33	664.0	1.43	13.31
IHC = 0040 PPM HEXANE					HOT TRANS	0.53	2.50	588.5	2.60	14.94
ICO (ACT) = 00.02 % CO					72 FTP	0.87	10.94	658.7	2.30	13.08
ICO (SPEC) = 99.99 % CO					75 FTP	0.57	5.78	641.1	2.12	13.61
OTHER TESTS: 1,2,3,4,5					HFET	0.08	0.24	459.0	2.41	19.31
015	75	CADI	DEVI	500.	COLD TRANS	2.75	70.22	730.2	1.16	10.45
					COLD STAB	1.66	33.83	731.2	1.21	11.24
IHC = 0065 PPM HEXANE					HOT TRANS	1.46	50.41	659.2	1.08	11.95
ICO (ACT) = 00.05 % CO					72 FTP	2.18	51.25	730.7	1.19	10.85
ICO (SPEC) = 99.99 % CO					75 FTP	1.83	45.84	711.3	1.17	11.25
OTHER TESTS: 1,2,3,4,5					HFET	0.56	41.69	515.7	0.87	15.22
016	75	CHEV	MONZ	140.	COLD TRANS	2.44	50.50	384.0	2.42	18.84
					COLD STAB	0.38	13.23	437.3	1.86	19.32
IHC = 0085 PPM HEXANE					HOT TRANS	0.53	12.52	352.1	2.49	23.77
ICO (ACT) = 00.25 % CO					72 FTP	1.37	31.07	411.8	2.13	19.09
ICO (SPEC) = 99.99 % CO					75 FTP	0.84	20.71	403.1	2.14	20.25
OTHER TESTS: 1,2,3,4,5					HFET	0.06	1.23	276.4	3.48	31.86

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
017	75	CHEV	CAMA	250.	COLD TRANS	1.47	30.71	512.2	3.11	15.71
					COLD STAB	0.10	0.0	508.1	1.96	17.46
IHC = 0012 PPM HEXANE					HOT TRANS	0.16	0.31	489.6	2.02	18.09
ICO (ACT) = 00.00 % CO					72 FTP	0.75	14.70	510.0	2.51	16.57
ICO (SPEC) = 99.99 % CO					75 FTP	0.40	6.41	503.9	2.22	17.23
OTHER TESTS: 1,2,3,4,5					HFET	0.04	0.00	429.7	1.43	20.65
018	75	CHEV	MALI	350.	COLD TRANS	2.48	70.29	575.9	2.12	12.78
					COLD STAB	2.63	72.65	544.6	0.86	13.30
IHC = 0225 PPM HEXANE					HOT TRANS	2.21	41.09	513.2	1.96	15.18
ICO (ACT) = 03.10 % CO					72 FTP	2.56	71.52	559.6	1.46	13.05
ICO (SPEC) = 99.99 % CO					75 FTP	2.48	63.55	542.5	1.42	13.65
OTHER TESTS: 1,2,3,4,5					HFET	0.30	7.86	423.5	2.02	20.32
019	75	CHEV	MALI	350.	COLD TRANS	12.21	30.06	565.7	2.23	13.62
					COLD STAB	3.40	6.94	632.2	1.26	13.57
IHC = 0160 PPM HEXANE					HOT TRANS	7.31	4.23	556.3	1.37	15.14
ICO (ACT) = 00.02 % CO					72 FTP	7.62	18.01	600.4	1.73	13.60
ICO (SPEC) = 99.99 % CO					75 FTP	6.28	10.96	597.8	1.49	13.98
OTHER TESTS: 1,2,3,4,5					HFET	0.17	1.28	412.0	1.75	21.41
020	75	CHEV	CHEL	350.	COLD TRANS	1.18	11.30	592.6	2.49	14.45
					COLD STAB	0.25	1.18	622.8	1.40	14.19
IHC = 0070 PPM HEXANE					HOT TRANS	0.39	2.81	539.8	2.23	16.27
ICO (ACT) = 00.02 % CO					72 FTP	0.69	6.02	608.4	1.92	14.31
ICO (SPEC) = 99.99 % CO					75 FTP	0.48	3.71	594.0	1.85	14.76
OTHER TESTS: 1,2,3,4,5					HFET	0.10	0.49	425.9	2.18	20.78

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
021	75	CHEV	STAW	400.	COLD TRANS	1.86	17.40	755.2	5.59	11.26
					COLD STAB	0.17	0.0	730.1	3.96	12.15
IHC = 0110 PPM HEXANE					HOT TRANS	0.37	0.93	660.9	6.07	13.38
ICO (ACT) = 00.01 % CO					72 FTP	0.97	6.33	742.1	4.74	11.70
ICO (SPEC) = 99.99 % CO					75 FTP	0.57	3.84	716.4	4.87	12.26
OTHER TESTS: 1,2,3,4,5					HFET	1.15	0.09	561.1	5.31	15.71
022	75	CHRY	CORD	400.	COLD TRANS	14.97	117.34	715.4	2.63	9.37
					COLD STAB	0.69	9.17	833.3	2.09	10.44
IHC = 0090 PPM HEXANE					HOT TRANS	0.73	6.68	705.2	3.27	12.36
ICO (ACT) = 00.30 % CO					72 FTP	7.52	60.95	776.9	2.35	9.90
ICO (SPEC) = 00.30 % CO					75 FTP	3.64	30.76	774.1	2.52	10.64
OTHER TESTS: 1,2,3,4,5					HFET	0.10	2.61	510.8	3.57	17.23
023	75	DODG	CORO	318.	COLD TRANS	1.85	44.18	587.9	2.56	13.38
					COLD STAB	1.08	40.87	624.4	1.31	12.83
IHC = 0155 PPM HEXANE					HOT TRANS	1.13	18.84	528.9	2.58	15.79
ICO (ACT) = 03.80 % CO					72 FTP	1.45	42.45	606.9	1.91	13.09
ICO (SPEC) = 00.30 % CO					75 FTP	1.25	35.54	590.8	1.91	13.64
OTHER TESTS: 1,2,3,4,5					HFET	0.15	2.07	406.4	2.23	21.64
024	75	DODG	DART	225.	COLD TRANS	1.24	20.25	490.5	2.12	16.87
					COLD STAB	0.96	25.05	463.8	0.88	17.53
IHC = 0150 PPM HEXANE					HOT TRANS	1.52	11.13	435.2	2.06	19.40
ICO (ACT) = 02.50 % CO					72 FTP	1.09	22.75	476.6	1.48	17.21
ICO (SPEC) = 00.30 % CO					75 FTP	1.17	20.26	461.5	1.46	17.86
OTHER TESTS: 1,2,3,4,5					HFET	0.23	1.70	357.2	1.94	24.62

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
025	75	FORD	MUST	140.	COLD TRANS	0.98	5.77	424.4	2.73	20.33
					COLD STAB	0.40	0.71	444.5	2.17	19.86
IHC = 0035 PPM HEXANE					HOT TRANS	0.66	2.01	369.8	2.81	23.67
ICO (ACT) = 00.00 % CO					72 FTP	0.68	3.13	434.9	2.44	20.08
ICO (SPEC) = 99.99 % CO					75 FTP	0.59	2.10	420.0	2.46	20.88
OTHER TESTS: 1,2,3,4,5					HFET	0.18	0.24	297.1	3.44	29.77
026	75	FORD	MUST	302.	COLD TRANS	3.03	69.19	649.9	1.69	11.55
					COLD STAB	2.60	70.73	704.1	0.88	10.78
IHC = 0160 PPM HEXANE					HOT TRANS	2.29	38.12	583.5	1.64	13.64
ICO (ACT) = 04.15 % CO					72 FTP	2.80	69.99	678.1	1.26	11.14
ICO (SPEC) = 99.99 % CO					75 FTP	2.60	61.52	660.0	1.25	11.60
OTHER TESTS: 1,2,3,4,5					HFET	1.44	18.49	439.5	2.47	16.76
027	75	FORD	GRAN	250.	COLD TRANS	0.98	14.96	543.3	2.73	15.37
					COLD STAB	0.28	0.14	529.5	1.81	16.73
IHC = 0050 PPM HEXANE					HOT TRANS	0.41	0.62	500.0	2.55	17.66
ICO (ACT) = 00.00 % CO					72 FTP	0.61	7.23	536.1	2.25	16.15
ICO (SPEC) = 99.99 % CO					75 FTP	0.46	3.37	524.3	2.20	16.71
OTHER TESTS: 1,2,3,4,5					HFET	0.15	0.18	446.5	2.85	19.85
028	75	FORD	CUST	351.	COLD TRANS	1.09	14.07	766.3	3.51	11.21
					COLD STAB	0.65	10.70	833.9	1.69	10.41
IHC = 0375 PPM HEXANE					HOT TRANS	1.26	7.81	688.6	3.47	12.59
ICO (ACT) = 03.70 % CO					72 FTP	0.86	12.31	801.5	2.56	10.78
ICO (SPEC) = 99.99 % CO					75 FTP	0.91	10.61	780.3	2.55	11.10
OTHER TESTS: 1,2,3,4,5					HFET	0.40	2.64	515.4	4.03	17.04

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
029	75	FORD	LTD	400.	COLD TRANS	1.24	16.25	834.7	3.42	10.27
					COLD STAB	0.53	7.97	851.8	3.00	10.25
IHC = 0055 PPM HEXANE					HOT TRANS	0.76	8.12	727.7	3.69	11.95
ICO (ACT) = 00.03 % CO					72 FTP	0.87	11.94	843.6	3.20	10.26
ICO (SPEC) = 99.99 % CO					75 FTP	0.74	9.72	814.4	3.27	10.67
OTHER TESTS: 1,2,3,4,5					HFET	0.38	4.68	597.1	3.00	14.65
030	75	MERC	MARQ	400.	COLD TRANS	1.65	29.05	792.2	3.57	10.53
					COLD STAB	1.32	29.06	811.4	1.81	10.31
IHC = 0525 PPM HEXANE					HOT TRANS	1.27	20.19	699.1	3.19	12.08
ICO (ACT) = 06.60 % CO					72 FTP	1.48	29.06	802.2	2.66	10.41
ICO (SPEC) = 99.99 % CO					75 FTP	1.37	26.64	776.8	2.55	10.78
OTHER TESTS: 1,2,3,4,5					HFET	0.39	4.69	547.6	2.57	15.96
031	75	MERC	MONT	351.	COLD TRANS	1.47	15.83	857.9	3.91	10.00
					COLD STAB	0.78	7.66	957.4	3.21	9.13
IHC = 0190 PPM HEXANE					HOT TRANS	0.75	5.41	808.9	4.19	10.83
ICO (ACT) = 00.10 % CO					72 FTP	1.11	11.57	909.8	3.55	9.53
ICO (SPEC) = 99.99 % CO					75 FTP	0.91	8.73	896.4	3.62	9.72
OTHER TESTS: 1,2,3,4,5					HFET	0.32	2.26	602.0	3.78	14.63
032	75	OLDS	DELT	350.	COLD TRANS	1.93	24.79	699.0	2.46	11.93
					COLD STAB	0.23	1.61	661.1	2.16	13.36
IHC = 0040 PPM HEXANE					HOT TRANS	0.50	7.13	610.9	2.56	14.23
ICO (ACT) = 00.02 % CO					72 FTP	1.04	12.71	679.2	2.31	12.63
ICO (SPEC) = 99.99 % CO					75 FTP	0.65	7.89	655.2	2.33	13.25
OTHER TESTS: 1,2,3,4,5					HFET	0.10	0.80	476.9	2.01	18.55

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
033	75	OLDS	DELT	350.	COLD TRANS	2.95	23.14	609.2	1.67	13.55
					COLD STAB	1.49	12.03	582.2	1.36	14.65
IHC = 0280 PPM HEXANE					HOT TRANS	1.21	8.26	537.2	1.78	16.02
ICO (ACT) = 00.75 % CO					72 FTP	2.18	17.34	595.1	1.51	14.10
ICO (SPEC) = 99.99 % CO					75 FTP	1.71	13.29	575.5	1.54	14.75
OTHER TESTS: 1,2,3,4,5					HFET	0.13	0.67	439.5	1.38	20.13
034	75	OLDS	STAW	455.	COLD TRANS	2.28	29.26	743.9	2.71	11.14
					COLD STAB	1.84	42.09	673.0	1.91	11.91
IHC = 0360 PPM HEXANE					HOT TRANS	1.56	23.01	660.0	2.79	12.66
ICO (ACT) = 04.22 % CO					72 FTP	2.05	35.95	706.9	2.29	11.53
ICO (SPEC) = 99.99 % CO					75 FTP	1.86	34.24	684.0	2.31	11.93
OTHER TESTS: 1,2,3,4,5					HFET	0.16	1.77	542.1	2.69	16.27
035	75	PLYM	FURY	318.	COLD TRANS	3.73	132.57	584.2	1.78	11.03
					COLD STAB	1.16	51.64	715.6	1.19	11.09
IHC = 0275 PPM HEXANE					HOT TRANS	1.09	25.16	614.3	2.52	13.50
ICO (ACT) = 01.60 % CO					72 FTP	2.39	90.38	652.7	1.47	11.06
ICO (SPEC) = 99.99 % CO					75 FTP	1.67	61.07	660.9	1.67	11.65
OTHER TESTS: 1,2,3,4,5					HFET	0.13	2.28	460.7	2.86	19.10
036	75	PLYM	DUST	225.	COLD TRANS	1.70	31.38	419.6	2.49	18.71
					COLD STAB	2.11	62.54	384.3	0.75	18.14
IHC = 0290 PPM HEXANE					HOT TRANS	2.40	38.90	364.0	1.36	20.51
ICO (ACT) = 07.00 % CO					72 FTP	1.91	47.62	401.2	1.58	18.41
ICO (SPEC) = 00.30 % CO					75 FTP	2.11	49.68	386.0	1.27	18.85
OTHER TESTS: 1,2,3,4,5					HFET	0.53	17.38	303.8	1.66	26.67

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
037	75	PONT	CATA	400.	COLD TRANS	2.22	41.71	785.8	2.61	10.34
					COLD STAB	0.19	1.60	793.3	2.00	11.14
IHC = 0038 PPM HEXANE					HOT TRANS	0.36	1.97	698.2	2.86	12.64
ICO (ACT) = 00.02 % CO					72 FTP	1.16	20.80	789.7	2.29	10.74
ICO (SPEC) = 99.99 % CO					75 FTP	0.65	9.96	765.6	2.36	11.33
OTHER TESTS: 1,2,3,4,5					HFET	0.05	0.08	514.9	2.61	17.23
038	75	PONT	VENT	350.	COLD TRANS	2.39	45.42	646.1	2.44	12.24
					COLD STAB	0.91	21.86	691.7	1.13	12.18
IHC = 0130 PPM HEXANE					HOT TRANS	0.57	8.99	602.9	2.03	14.34
ICO (ACT) = 01.10 % CO					72 FTP	1.62	33.14	669.9	1.76	12.21
ICO (SPEC) = 9..99 % CO					75 FTP	1.12	23.20	658.1	1.64	12.71
OTHER TESTS: 1,2,3,4,5					HFET	0.11	2.07	454.8	2.09	19.36
039	75	PONT	BONN	400.	COLD TRANS	2.34	51.16	818.4	2.49	9.79
					COLD STAB	1.16	44.93	795.1	1.42	10.21
IHC = 0210 PPM HEXANE					HOT TRANS	1.00	21.85	718.5	2.52	11.74
ICO (ACT) = 04.60 % CO					72 FTP	1.72	47.91	806.2	1.93	10.01
ICO (SPEC) = 99.99 % CO					75 FTP	1.36	39.92	779.0	1.94	10.49
OTHER TESTS: 1,2,3,4,5					HFET	0.10	2.22	580.1	1.83	15.20
040	76	MERC	CAPR	140.	COLD TRANS	1.07	18.49	477.9	2.09	17.39
					COLD STAB	0.51	14.39	523.9	1.17	16.19
IHC = 0050 PPM HEXANE					HOT TRANS	0.74	8.69	417.1	1.79	20.49
ICO (ACT) = 00.45 % CO					72 FTP	0.78	16.35	501.9	1.61	16.74
ICO (SPEC) = 99.99 % CO					75 FTP	0.69	13.68	485.3	1.53	17.44
OTHER TESTS: 1,2,3,4,5					HFET	0.28	2.22	306.1	1.60	28.58

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
041	75	DATS	B210	85.	COLD TRANS	2.27	29.22	344.7	3.27	22.31
					COLD STAB	1.56	15.18	299.2	2.17	27.06
IHC = 0180 PPM HEXANE					HOT TRANS	1.53	13.21	296.5	2.92	27.55
ICO (ACT) = 03.20 % CO					72 FTP	1.90	21.90	321.0	2.70	24.56
ICO (SPEC) = 02.00 % CO					75 FTP	1.70	17.53	307.9	2.60	26.04
OTHER TESTS: 1,2,3,4,5					HFET	0.99	3.96	251.1	3.58	34.68
042	75	HOND	STAM	91.	COLD TRANS	0.87	9.61	345.6	1.44	24.42
					COLD STAB	0.22	4.44	374.6	1.01	23.22
IHC = 0120 PPM HEXANE					HOT TRANS	0.60	5.47	318.7	1.44	26.96
ICO (ACT) = 00.10 % CO					72 FTP	0.53	6.92	360.7	1.21	23.78
ICO (SPEC) = 00.25 % CO					75 FTP	0.46	5.79	353.4	1.21	24.39
OTHER TESTS: 1,2,3,4,5					HFET	0.04	1.11	252.8	1.68	34.85
043	75	TOYO	CELI	133.	COLD TRANS	1.50	14.67	437.0	6.04	19.09
					COLD STAB	1.36	12.11	486.2	4.39	17.42
IHC = 0160 PPM HEXANE					HOT TRANS	1.20	5.85	424.0	6.74	20.31
ICO (ACT) = 00.22 % CO					72 FTP	1.43	13.34	462.7	5.18	18.18
ICO (SPEC) = 99.99 % CO					75 FTP	1.34	10.93	459.1	5.37	18.47
OTHER TESTS: 1,2,3,4,5					HFET	0.55	3.06	313.4	5.83	27.74
044	75	VOLK	SEDA	97.	COLD TRANS	2.39	19.57	374.9	1.96	21.48
					COLD STAB	1.10	3.49	432.1	1.27	20.12
IHC = 0090 PPM HEXANE					HOT TRANS	1.17	3.56	344.8	1.71	25.06
ICO (ACT) = 00.13 % CO					72 FTP	1.72	11.19	404.7	1.60	20.75
ICO (SPEC) = 00.20 % CO					75 FTP	1.39	6.82	396.5	1.53	21.56
OTHER TESTS: 1,2,3,4,5					HFET	0.56	1.74	251.3	1.20	34.69

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
045	75	VOLK	RABB	90.	COLD TRANS	2.70	51.40	394.0	1.74	18.36
					COLD STAB	0.20	1.81	395.9	0.97	22.22
IHC = 0150 PPM HEXANE					HOT TRANS	1.25	5.12	371.0	1.32	23.17
ICO (ACT) = 03.80 % CO					72 FTP	1.40	25.55	395.0	1.34	20.19
ICO (SPEC) = 02.00 % CO					75 FTP	1.00	12.92	388.8	1.22	21.53
OTHER TESTS: 1,2,3,4,5					HFET	0.17	0.62	281.4	2.43	31.37
231	75	AMC	GREM	232.	COLD TRANS	1.72	18.57	458.9	2.96	17.98
					COLD STAB	1.94	11.10	519.1	2.27	16.35
IHC = 0135 PPM HEXANE					HOT TRANS	1.95	14.76	418.3	3.11	19.82
ICO (ACT) = 00.20 % CO					72 FTP	1.84	14.67	490.3	2.60	17.10
ICO (SPEC) = 01.00 % CO					75 FTP	1.90	13.64	479.2	2.64	17.52
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
232	75	AMC	MATA	304.	COLD TRANS	1.28	15.37	665.0	3.49	12.80
					COLD STAB	0.21	0.0	656.2	2.49	13.51
IHC = 0050 PPM HEXANE					HOT TRANS	0.54	3.27	602.1	3.16	14.57
ICO (ACT) = 00.05 % CO					72 FTP	0.72	7.36	660.4	2.97	13.16
ICO (SPEC) = 00.80 % CO					75 FTP	0.52	4.05	643.3	2.88	13.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
233	75	AMC	MATA	360.	COLD TRANS	0.96	18.80	688.1	2.73	12.32
					COLD STAB	0.14	0.05	625.9	3.34	14.17
IHC = 0150 PPM HEXANE					HOT TRANS	0.37	1.32	642.6	3.38	13.74
ICO (ACT) = 04.60 % CO					72 FTP	0.53	9.03	655.6	3.05	13.22
ICO (SPEC) = 00.00 % CO					75 FTP	0.37	4.26	643.2	3.22	13.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
234	75	BUIC	APOL	231.	COLD TRANS	1.66	20.28	515.9	9.02	16.05
					COLD STAB	0.12	0.18	544.2	6.90	16.29
IHC = 0175 PPM HEXANE					HOT TRANS	0.33	1.21	469.3	6.69	18.79
ICO (ACT) = 01.50 % CO					72 FTP	0.85	9.80	530.6	7.92	16.17
ICO (SPEC) = 99.99 % CO					75 FTP	0.49	4.59	517.9	7.28	16.85
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
235	75	BUIC	CNTY	231.	COLD TRANS	1.77	23.70	544.1	3.30	15.12
					COLD STAB	0.30	2.10	603.8	1.97	14.60
IHC = 0295 PPM HEXANE					HOT TRANS	0.83	5.59	498.7	2.24	17.40
ICO (ACT) = 03.80 % CO					72 FTP	1.00	12.44	575.2	2.60	14.84
ICO (SPEC) = 99.99 % CO					75 FTP	0.75	7.50	562.8	2.32	15.38
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
236	75	BUIC	CNTY	350.	COLD TRANS	1.67	47.76	783.6	1.09	10.27
					COLD STAB	0.10	6.67	784.7	0.58	11.11
IHC = 0090 PPM HEXANE					HOT TRANS	0.22	24.60	753.3	0.44	11.20
ICO (ACT) = 00.01 % CO					72 FTP	0.85	27.38	784.2	0.83	10.69
ICO (SPEC) = 99.99 % CO					75 FTP	0.46	21.06	775.9	0.65	10.95
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
237	75	BUIC	REGA	350.	COLD TRANS	1.46	28.46	622.2	3.49	13.22
					COLD STAB	0.08	0.31	639.8	1.62	13.86
IHC = 0035 PPM HEXANE					HOT TRANS	0.30	1.79	568.4	3.09	15.51
ICO (ACT) = 00.05 % CO					72 FTP	0.74	13.78	631.4	2.52	13.54
ICO (SPEC) = 99.99 % CO					75 FTP	0.42	6.51	616.7	2.41	14.13
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
238	75	BUIC	LESA	350.	COLD TRANS	1.10	16.74	685.5	3.32	12.41
					COLD STAB	0.16	3.52	687.0	1.16	12.81
IHC = 0050 PPM HEXANE					HOT TRANS	0.52	3.04	611.2	2.66	14.37
ICO (ACT) = 00.05 % CO					72 FTP	0.61	9.85	686.3	2.19	12.61
ICO (SPEC) = 99.99 % CO					75 FTP	0.45	6.11	666.0	2.02	13.11
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
239	75	BUIC	ELEC	455.	COLD TRANS	1.46	15.31	783.8	3.54	10.92
					COLD STAB	0.19	2.20	804.1	1.31	10.98
IHC = 0040 PPM HEXANE					HOT TRANS	0.67	3.76	694.7	2.46	12.63
ICO (ACT) = 00.01 % CO					72 FTP	0.80	8.47	794.4	2.38	10.95
ICO (SPEC) = 99.99 % CO					75 FTP	0.58	5.33	770.1	2.06	11.37
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
240	75	BUIC	ELEC	455.	COLD TRANS	1.48	20.48	791.4	2.65	10.72
					COLD STAB	0.30	3.92	763.2	1.21	11.52
IHC = 0060 PPM HEXANE					HOT TRANS	0.93	7.43	686.2	2.18	12.66
ICO (ACT) = 00.03 % CO					72 FTP	0.86	11.85	776.7	1.90	11.12
ICO (SPEC) = 99.99 % CO					75 FTP	0.71	8.29	748.0	1.77	11.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
241	75	CADI	DEVI	500.	COLD TRANS	3.19	90.64	748.0	2.12	9.86
					COLD STAB	1.96	55.45	727.0	2.15	10.82
IHC = 0040 PPM HEXANE					HOT TRANS	2.55	86.06	618.3	2.01	11.65
ICO (ACT) = 00.05 % CO					72 FTP	2.55	72.29	737.1	2.13	10.34
ICO (SPEC) = 99.99 % CO					75 FTP	2.38	71.05	701.7	2.11	10.61
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
242	75	CADI	ELDO	500.	COLD TRANS	4.00	48.45	781.5	2.09	9.35
					COLD STAB	1.74	33.48	779.9	2.64	10.59
					HOT TRANS	2.17	62.67	702.8	2.44	10.98
					72 FTP	2.62	64.58	780.6	2.38	9.96
					75 FTP	2.32	54.82	759.2	2.47	10.41
					HFET	0.0	0.0	0.0	0.0	0.0
243	75	CADI	DEVI	500.	COLD TRANS	2.58	53.19	806.3	1.46	9.88
					COLD STAB	0.21	6.35	772.5	2.00	11.33
					HOT TRANS	0.71	36.43	712.0	1.39	11.50
					72 FTP	1.34	28.78	788.7	1.74	10.59
					75 FTP	0.83	24.20	762.9	1.72	11.04
					HFET	0.0	0.0	0.0	0.0	0.0
244	75	CHEV	VEGA	140.	COLD TRANS	2.85	20.55	367.4	2.19	21.71
					COLD STAB	0.25	9.76	393.9	1.34	21.65
					HOT TRANS	0.35	6.18	354.5	2.34	24.30
					72 FTP	1.49	14.93	381.2	1.74	21.68
					75 FTP	0.81	11.01	377.7	1.79	22.33
					HFET	0.0	0.0	0.0	0.0	0.0
245	75	CHEV	VEGA	140.	COLD TRANS	1.07	24.33	444.6	2.60	18.26
					COLD STAB	0.07	1.70	413.0	1.89	21.34
					HOT TRANS	0.18	2.31	394.8	2.35	22.25
					72 FTP	0.55	12.53	428.1	2.23	19.74
					75 FTP	0.31	6.52	414.5	2.16	20.85
					HFET	0.0	0.0	0.0	0.0	0.0

IHC = 1000 PPM HEXANE
ICO (ACT) = 00.25 % CO
ICO (SPEC) = 00.00 % CO
OTHER TESTS:

IHC = 0230 PPM HEXANE
ICO (ACT) = 00.50 % CO
ICO (SPEC) = 99.99 % CO
OTHER TESTS:

IHC = 0170 PPM HEXANE
ICO (ACT) = 00.08 % CO
ICO (SPEC) = 99.99 % CO
OTHER TESTS:

IHC = 0110 PPM HEXANE
ICO (ACT) = 00.05 % CO
ICO (SPEC) = 99.99 % CO
OTHER TESTS:

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
246	75	CHEV	MONZ	262.	COLD TRANS	1.77	27.71	627.9	2.92	13.11
					COLD STAB	0.25	0.44	569.8	2.37	15.54
IHC = 0050 PPM HEXANE					HOT TRANS	0.34	0.73	532.8	2.56	16.59
ICO (ACT) = 00.00 % CO					72 FTP	0.98	13.49	597.6	2.63	14.27
ICO (SPEC) = 99.99 % CO					75 FTP	0.58	6.13	571.7	2.54	15.22
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
247	75	CHEV	CAMA	250.	COLD TRANS	1.18	15.97	479.1	1.92	17.48
					COLD STAB	0.18	2.46	491.9	1.36	17.88
IHC = 0045 PPM HEXANE					HOT TRANS	0.78	6.79	428.0	1.49	20.12
ICO (ACT) = 00.02 % CO					72 FTP	0.66	8.93	485.7	1.63	17.68
ICO (SPEC) = 99.99 % CO					75 FTP	0.55	6.42	471.8	1.51	18.35
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
248	75	CHEV	NOVA	262.	COLD TRANS	17.71	66.24	616.7	1.79	11.42
					COLD STAB	0.82	0.27	654.3	2.06	13.50
IHC = 0160 PPM HEXANE					HOT TRANS	1.17	1.75	630.8	1.89	13.93
ICO (ACT) = 00.00 % CO					72 FTP	8.90	31.84	636.3	1.93	12.42
ICO (SPEC) = 99.99 % CO					75 FTP	4.39	14.25	640.2	1.96	13.12
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
249	75	CHEV	CAMA	350.	COLD TRANS	1.40	28.03	674.7	2.65	12.27
					COLD STAB	0.12	1.18	708.3	1.67	12.49
IHC = 0180 PPM HEXANE					HOT TRANS	0.22	2.81	617.5	2.56	14.25
ICO (ACT) = 00.08 % CO					72 FTP	0.73	14.03	692.2	2.14	12.39
ICO (SPEC) = 99.99 % CO					75 FTP	0.41	7.15	676.6	2.12	12.88
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
250	75	CHEV	NOVA	350.	COLD TRANS	1.48	15.34	626.4	3.12	13.55
					COLD STAB	0.25	0.0	612.2	2.06	14.48
IHC = 0020 PPM HEXANE					HOT TRANS	0.36	0.48	564.7	2.55	15.66
ICO (ACT) = 00.00 % CO					72 FTP	0.84	7.34	619.0	2.57	14.02
ICO (SPEC) = 99.99 % CO					75 FTP	0.53	3.29	602.2	2.41	14.57
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
251	75	CHEV	MALI	250.	COLD TRANS	1.73	34.95	546.3	3.08	14.63
					COLD STAB	0.06	0.06	561.8	2.00	15.79
IHC = 0035 PPM HEXANE					HOT TRANS	0.37	2.42	533.3	2.30	16.49
ICO (ACT) = 00.01 % CO					72 FTP	0.86	16.77	554.3	2.52	15.21
ICO (SPEC) = 99.99 % CO					75 FTP	0.49	7.89	550.8	2.30	15.72
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
252	75	CHEV	MALI	350.	COLD TRANS	1.07	21.75	629.4	2.75	13.31
					COLD STAB	0.16	4.23	610.9	0.99	14.36
IHC = 0035 PPM HEXANE					HOT TRANS	0.23	3.26	505.3	2.39	17.36
ICO (ACT) = 00.00 % CO					72 FTP	0.60	12.61	619.7	1.83	13.84
ICO (SPEC) = 99.99 % CO					75 FTP	0.36	7.57	585.9	1.73	14.82
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
253	75	CHEV	MONT	350.	COLD TRANS	1.95	43.76	619.8	4.77	12.77
					COLD STAB	2.35	75.45	596.0	2.31	12.29
IHC = 0510 PPM HEXANE					HOT TRANS	1.53	32.48	561.3	4.79	14.38
ICO (ACT) = 05.70 % CO					72 FTP	2.16	60.28	607.4	3.49	12.52
ICO (SPEC) = 99.99 % CO					75 FTP	2.04	57.20	591.4	3.49	12.90
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
254	75	CHEV	CAMA	350.	COLD TRANS	1.48	23.44	685.4	2.99	12.21
					COLD STAB	0.19	5.21	689.8	1.18	12.71
IHC = 0020 PPM HEXANE					HOT TRANS	0.45	11.18	601.7	2.08	14.30
ICO (ACT) = 00.00 % CO					72 FTP	0.81	13.94	687.7	2.04	12.46
ICO (SPEC) = 99.99 % CO					75 FTP	0.53	10.59	664.8	1.80	12.99
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
255	75	CHEV	MONT	350.	COLD TRANS	1.20	31.32	622.3	2.20	13.14
					COLD STAB	0.19	8.43	675.1	1.11	12.88
IHC = 0025 PPM HEXANE					HOT TRANS	0.22	5.45	585.8	2.18	14.92
ICO (ACT) = 00.00 % CO					72 FTP	0.67	19.38	649.8	1.63	13.01
ICO (SPEC) = 99.99 % CO					75 FTP	0.40	12.33	639.9	1.62	13.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
256	75	CHEV	CAPR	400.	COLD TRANS	1.11	10.17	751.5	2.82	11.51
					COLD STAB	0.12	0.0	751.4	1.64	11.81
IHC = 0025 PPM HEXANE					HOT TRANS	0.16	0.44	658.9	2.80	13.45
ICO (ACT) = 00.00 % CO					72 FTP	0.59	4.87	751.4	2.20	11.66
ICO (SPEC) = 99.99 % CO					75 FTP	0.33	2.21	726.2	2.20	12.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
257	75	CHEV	MONT	350.	COLD TRANS	1.16	25.46	633.4	1.80	13.11
					COLD STAB	0.08	1.71	652.1	1.07	13.55
IHC = 0030 PPM HEXANE					HOT TRANS	0.19	3.24	589.9	1.77	14.90
ICO (ACT) = 00.00 % CO					72 FTP	0.59	13.08	643.1	1.42	13.33
ICO (SPEC) = 99.99 % CO					75 FTP	0.33	7.02	631.3	1.41	13.80
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
258	75	CHEV	IMPA	350.	COLD TRANS	1.70	38.29	648.3	2.99	12.43
					COLD STAB	0.55	14.62	646.0	1.22	13.23
IHC = 0042 PPM HEXANE					HOT TRANS	0.66	8.21	594.6	2.81	14.56
ICO (ACT) = 00.00 % CO					72 FTP	1.10	25.95	647.1	2.07	12.84
ICO (SPEC) = 99.99 % CO					75 FTP	0.82	17.74	632.5	2.02	13.39
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
259	75	CHEV	CAMA	350.	COLD TRANS	1.84	35.27	605.2	4.92	13.32
					COLD STAB	1.96	43.66	557.7	2.21	14.03
IHC = 0160 PPM HEXANE					HOT TRANS	1.20	20.11	525.2	4.82	15.83
ICO (ACT) = 02.10 % CO					72 FTP	1.90	39.65	580.5	3.51	13.68
ICO (SPEC) = 99.99 % CO					75 FTP	1.73	35.51	558.6	3.46	14.32
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
260	75	CHEV	CAPR	350.	COLD TRANS	3.52	116.34	555.6	2.97	11.64
					COLD STAB	2.74	89.07	561.0	1.86	12.51
IHC = 0080 PPM HEXANE					HOT TRANS	2.51	69.84	518.3	3.22	13.95
ICO (ACT) = 00.45 % CO					72 FTP	3.11	102.12	558.4	2.39	12.18
ICO (SPEC) = 99.99 % CO					75 FTP	2.64	89.44	548.2	2.46	12.72
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
261	75	CHEV	CAMA	350.	COLD TRANS	1.14	15.50	607.9	3.41	13.96
					COLD STAB	0.12	0.0	631.8	1.67	14.04
IHC = 0045 PPM HEXANE					HOT TRANS	0.29	0.64	564.0	3.62	15.68
ICO (ACT) = 00.00 % CO					72 FTP	0.61	7.42	620.4	2.50	14.00
ICO (SPEC) = 99.99 % CO					75 FTP	0.37	3.36	608.4	2.56	14.43
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
262	75	CHEV	MONT	350.	COLD TRANS	2.02	39.97	510.2	2.17	15.32
					COLD STAB	2.08	54.45	496.1	0.70	15.09
IHC = 0050 PPM HEXANE					HOT TRANS	1.40	21.06	467.0	1.87	17.59
ICO (ACT) = 00.00 % CO					72 FTP	2.05	47.52	502.8	1.40	15.20
ICO (SPEC) = 99.99 % CO					75 FTP	1.88	42.36	491.0	1.32	15.75
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
263	75	CHEV	STAW	400.	COLD TRANS	1.96	42.24	759.9	2.36	10.66
					COLD STAB	0.29	0.00	792.2	1.13	11.19
IHC = 0030 PPM HEXANE					HOT TRANS	0.75	1.06	721.1	2.34	12.24
ICO (ACT) = 00.00 % CO					72 FTP	1.09	20.22	776.7	1.72	10.93
ICO (SPEC) = 99.99 % CO					75 FTP	0.76	8.98	766.1	1.72	11.34
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
264	75	CHEV	KING	400.	COLD TRANS	2.13	30.17	726.6	6.25	11.37
					COLD STAB	0.63	1.46	737.2	4.31	11.97
IHC = 0185 PPM HEXANE					HOT TRANS	0.79	6.73	686.6	6.28	12.69
ICO (ACT) = 00.05 % CO					72 FTP	1.34	15.20	732.1	5.24	11.67
ICO (SPEC) = 99.99 % CO					75 FTP	0.98	8.80	721.2	5.25	12.02
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
265	75	CHEV	CAPR	454.	COLD TRANS	1.06	7.47	677.5	2.59	12.45
					COLD STAB	0.35	0.35	758.6	1.36	11.47
IHC = 0040 PPM HEXANE					HOT TRANS	0.76	2.93	631.8	2.57	13.89
ICO (ACT) = 00.00 % CO					72 FTP	0.69	3.76	729.4	2.09	12.03
ICO (SPEC) = 99.99 % CO					75 FTP	0.61	2.52	711.4	2.01	12.37
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
266	75	CHEV	CHEL	350.	COLD TRANS	3.01	92.68	528.2	1.49	12.99
					COLD STAB	2.55	69.77	475.5	0.73	14.96
IHC = 0220 PPM HEXANE					HOT TRANS	2.11	64.11	492.5	1.23	14.79
ICO (ACT) = 01.20 % CO					72 FTP	2.77	80.74	500.7	1.09	13.95
ICO (SPEC) = 99.99 % CO					75 FTP	2.53	72.94	491.0	1.02	14.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
267	75	CHRY	CORD	360.	COLD TRANS	3.32	44.48	769.9	3.46	10.44
					COLD STAB	1.63	16.16	844.9	2.44	10.14
IHC = 0250 PPM HEXANE					HOT TRANS	1.72	9.78	668.9	4.20	12.87
ICO (ACT) = 02.10 % CO					72 FTP	2.44	29.72	809.0	2.93	10.28
ICO (SPEC) = 00.50 % CO					75 FTP	2.00	20.25	781.4	3.13	10.83
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
268	75	CHRY	STAN	440.	COLD TRANS	2.82	82.86	890.4	3.08	8.62
					COLD STAB	1.71	77.49	940.4	2.34	8.31
IHC = 0190 PPM HEXANE					HOT TRANS	1.57	43.71	927.5	3.48	8.87
ICO (ACT) = 06.30 % CO					72 FTP	2.24	80.06	916.4	2.70	8.46
ICO (SPEC) = 00.30 % CO					75 FTP	1.90	69.38	926.6	2.81	8.52
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
269	75	DODG	DART	225.	COLD TRANS	1.77	28.18	509.0	1.32	15.88
					COLD STAB	0.65	17.21	551.7	0.84	15.28
IHC = 0025 PPM HEXANE					HOT TRANS	1.04	15.84	471.1	1.55	17.77
ICO (ACT) = 00.02 % CO					72 FTP	1.18	22.46	531.2	1.07	15.56
ICO (SPEC) = 00.30 % CO					75 FTP	0.99	19.09	520.9	1.13	16.02
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
270	75	DODG	DART	318.	COLD TRANS	1.43	32.28	578.1	2.33	14.01
					COLD STAB	0.67	16.15	616.4	1.33	13.72
IHC = 0105 PPM HEXANE					HOT TRANS	0.73	6.57	520.4	2.39	16.65
ICO (ACT) = 00.75 % CO					72 FTP	1.03	24.91	598.1	1.81	13.86
ICO (SPEC) = 00.30 % CO					75 FTP	0.84	17.90	582.3	1.83	14.48
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
271	75	DODG	CHAR	360.	COLD TRANS	2.00	19.06	633.3	4.84	13.26
					COLD STAB	0.93	21.21	712.2	1.69	11.86
IHC = 0090 PPM HEXANE					HOT TRANS	0.53	7.73	587.4	4.94	14.76
ICO (ACT) = 01.00 % CO					72 FTP	1.44	20.16	674.4	3.30	12.49
ICO (SPEC) = 00.30 % CO					75 FTP	1.04	17.09	661.9	3.33	12.82
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
272	75	DODG	CHAR	360.	COLD TRANS	2.00	23.87	744.2	2.57	11.26
					COLD STAB	0.62	24.07	754.3	1.96	11.18
IHC = 0065 PPM HEXANE					HOT TRANS	0.93	16.98	654.7	2.55	12.97
ICO (ACT) = 00.85 % CO					72 FTP	1.28	23.97	749.5	2.25	11.22
ICO (SPEC) = 00.30 % CO					75 FTP	0.99	22.09	725.1	2.24	11.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
273	75	DODG	CHAR	360.	COLD TRANS	4.15	70.77	615.4	4.16	12.00
					COLD STAB	1.63	49.35	677.1	1.58	11.68
IHC = 0180 PPM HEXANE					HOT TRANS	1.50	25.40	577.4	2.84	14.27
ICO (ACT) = 02.40 % CO					72 FTP	2.84	59.61	647.6	2.61	11.83
ICO (SPEC) = 00.30 % CO					75 FTP	2.11	47.23	637.2	2.45	12.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
274	75	DODG	MONA	360.	COLD TRANS	2.75	62.59	583.0	2.50	12.86
					COLD STAB	1.63	52.75	613.9	1.33	12.64
IHC = 0275 PPM HEXANE					HOT TRANS	1.34	27.13	534.8	2.33	15.26
ICO (ACT) = 04.70 % CO					72 FTP	2.17	57.46	599.1	1.89	12.75
ICO (SPEC) = 00.30 % CO					75 FTP	1.78	47.78	585.9	1.85	13.31
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
275	75	FORD	MUST	140.	COLD TRANS	1.32	25.77	498.2	3.05	16.35
					COLD STAB	0.85	19.32	474.8	1.98	17.48
IHC = 0325 PPM HEXANE					HOT TRANS	0.93	13.46	449.0	2.57	18.76
ICO (ACT) = 02.80 % CO					72 FTP	1.08	22.41	486.0	2.49	16.92
ICO (SPEC) = 99.99 % CO					75 FTP	0.97	19.05	472.6	2.36	17.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
276	75	FORD	MUST	140.	COLD TRANS	1.45	15.96	475.9	3.48	17.56
					COLD STAB	0.95	11.91	540.8	2.47	15.78
IHC = 0000 PPM HEXANE					HOT TRANS	1.11	9.92	443.8	3.57	19.17
ICO (ACT) = 00.60 % CO					72 FTP	1.19	13.65	509.7	2.95	16.58
ICO (SPEC) = 99.99 % CO					75 FTP	1.10	12.20	500.9	2.98	16.95
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
277	75	FORD	MUST	171.	COLD TRANS	1.15	17.75	535.3	3.54	15.66
					COLD STAB	0.38	1.77	668.9	2.18	13.19
IHC = 0045 PPM HEXANE					HOT TRANS	0.62	3.28	499.7	3.16	17.51
ICO (ACT) = 00.02 % CO					72 FTP	0.75	9.42	604.9	2.83	14.27
ICO (SPEC) = 99.99 % CO					75 FTP	0.60	5.47	595.2	2.73	14.65
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
278	75	FORD	PINT	140.	COLD TRANS	0.94	4.78	434.6	1.92	19.94
					COLD STAB	0.31	1.37	440.3	1.53	20.01
IHC = 0038 PPM HEXANE					HOT TRANS	0.53	2.53	368.2	1.81	23.74
ICO (ACT) = 00.02 % CO					72 FTP	0.61	3.00	437.6	1.72	19.98
ICO (SPEC) = 99.99 % CO					75 FTP	0.50	2.39	419.5	1.69	20.89
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
279	75	FORD	GRAN	250.	COLD TRANS	1.17	16.21	772.0	2.05	11.08
					COLD STAB	0.06	0.19	768.6	1.69	11.54
IHC = 0060 PPM HEXANE					HOT TRANS	0.18	2.85	689.6	1.81	12.78
ICO (ACT) = 00.05 % CO					72 FTP	0.59	7.85	770.2	1.86	11.31
ICO (SPEC) = 99.99 % CO					75 FTP	0.32	4.21	747.7	1.80	11.75
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
280	75	FORD	GRAN	302.	COLD TRANS	1.67	13.35	677.2	2.29	12.62
					COLD STAB	0.34	0.22	652.7	1.97	13.57
IHC = 0200 PPM HEXANE					HOT TRANS	0.63	1.15	603.9	2.24	14.61
ICO (ACT) = 00.08 % CO					72 FTP	0.98	6.51	664.5	2.12	13.10
ICO (SPEC) = 99.99 % CO					75 FTP	0.69	3.18	644.4	2.11	13.62
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
281	75	FORD	MAVE	302.	COLD TRANS	2.31	22.30	704.9	2.62	11.68
					COLD STAB	1.53	8.07	770.6	1.39	11.26
IHC = 0450 PPM HEXANE					HOT TRANS	1.75	7.85	627.5	2.82	13.75
ICO (ACT) = 00.75 % CO					72 FTP	1.90	14.88	739.2	1.98	11.55
ICO (SPEC) = 99.99 % CO					75 FTP	1.75	10.94	718.1	2.03	11.98
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
282	75	FORD	ELIT	351.	COLD TRANS	1.30	13.18	831.1	3.67	10.37
					COLD STAB	0.82	8.06	877.5	2.73	9.94
IHC = 0130 PPM HEXANE					HOT TRANS	0.88	6.13	761.1	3.75	11.47
ICO (ACT) = 00.10 % CO					72 FTP	1.05	10.51	855.3	3.18	10.14
ICO (SPEC) = 99.99 % CO					75 FTP	0.93	8.59	836.2	3.20	10.41
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
283	75	FORD	STAW	351.	COLD TRANS	1.94	12.55	778.3	4.44	11.04
					COLD STAB	0.79	6.57	787.6	1.82	11.09
IHC = 0050 PPM HEXANE					HOT TRANS	0.99	7.49	695.9	4.50	12.49
ICO (ACT) = 00.00 % CO					72 FTP	1.34	9.43	783.1	3.07	11.06
ICO (SPEC) = 99.99 % CO					75 FTP	1.08	8.05	760.7	3.09	11.43
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
284	75	FORD	LTD	400.	COLD TRANS	0.79	7.68	893.8	2.71	9.77
					COLD STAB	0.47	3.57	922.3	1.49	9.55
IHC = 0058 PPM HEXANE					HOT TRANS	0.62	5.52	769.8	2.07	11.37
ICO (ACT) = 00.05 % CO					72 FTP	0.62	5.53	908.7	2.07	9.65
ICO (SPEC) = 99.99 % CO					75 FTP	0.57	4.95	874.8	1.90	10.04
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
285	75	FORD	ELIT	351.	COLD TRANS	1.20	19.56	797.1	4.50	10.67
					COLD STAB	0.67	23.69	783.7	1.72	10.78
IHC = 0060 PPM HEXANE					HOT TRANS	0.77	13.13	668.6	3.17	12.83
ICO (ACT) = 01.30 % CO					72 FTP	0.92	21.71	790.1	3.05	10.73
ICO (SPEC) = 99.99 % CO					75 FTP	0.81	19.96	755.0	2.69	11.25
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
286	75	FORD	GRAN	351.	COLD TRANS	2.46	36.44	605.5	5.84	13.24
					COLD STAB	2.07	37.59	681.7	2.00	11.88
IHC = 0200 PPM HEXANE					HOT TRANS	2.20	20.82	644.2	5.36	12.98
ICO (ACT) = 05.40 % CO					72 FTP	2.25	37.04	645.3	3.84	12.49
ICO (SPEC) = 99.99 % CO					75 FTP	2.19	32.77	655.8	3.71	12.43
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
287	75	FORD	CUST	351.	COLD TRANS	1.36	12.44	782.5	3.28	11.01
					COLD STAB	0.56	7.25	814.1	1.65	10.73
IHC = 0200 PPM HEXANE					HOT TRANS	1.03	9.24	710.1	3.18	12.19
ICO (ACT) = 00.05 % CO					72 FTP	0.95	9.73	799.0	2.43	10.86
ICO (SPEC) = 99.99 % CO					75 FTP	0.85	8.86	779.2	2.40	11.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
288	75	FORD	TORI	351.	COLD TRANS	3.42	69.04	650.2	4.39	11.53
					COLD STAB	3.29	99.55	620.6	3.36	11.27
IHC = 0275 PPM HEXANE					HOT TRANS	2.22	44.14	610.1	5.15	12.93
ICO (ACT) = 06.30 % CO					72 FTP	3.35	84.95	634.7	3.85	11.40
ICO (SPEC) = 99.99 % CO					75 FTP	3.03	78.15	623.8	4.06	11.74
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
289	75	FORD	LTD	400.	COLD TRANS	1.29	10.96	770.1	4.96	11.21
					COLD STAB	0.90	7.09	806.1	2.69	10.82
IHC = 0450 PPM HEXANE					HOT TRANS	1.58	9.29	646.4	5.12	13.33
ICO (ACT) = 03.80 % CO					72 FTP	1.09	8.94	788.9	3.77	11.01
ICO (SPEC) = 99.99 % CO					75 FTP	1.17	8.49	755.1	3.82	11.49
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
290	75	FORD	LTD	400.	COLD TRANS	0.82	17.09	983.6	2.81	8.76
					COLD STAB	0.30	4.50	1084.2	1.72	8.13
IHC = 0140 PPM HEXANE					HOT TRANS	0.42	4.95	885.3	2.27	9.92
ICO (ACT) = 00.04 % CO					72 FTP	0.55	10.53	1036.0	2.24	8.42
ICO (SPEC) = 00.04 % CO					75 FTP	0.44	7.21	1009.2	2.09	8.68
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
291	75	FORD	STAW	400.	COLD TRANS	1.98	18.44	943.3	2.78	9.07
					COLD STAB	0.76	5.30	926.4	1.57	9.47
IHC = 2000 PPM HEXANE					HOT TRANS	1.09	7.53	838.1	2.58	10.40
ICO (ACT) = 00.03 % CO					72 FTP	1.35	11.59	934.5	2.15	9.27
ICO (SPEC) = 00.04 % CO					75 FTP	1.10	8.61	905.8	2.10	9.62
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
292	75	FORD	LTD	400.	COLD TRANS	0.98	10.38	887.8	4.09	9.78
					COLD STAB	0.85	16.02	870.8	1.34	9.88
IHC = 0100 PPM HEXANE					HOT TRANS	1.07	13.01	756.7	2.63	11.37
ICO (ACT) = 02.00 % CO					72 FTP	0.91	13.32	878.9	2.66	9.83
ICO (SPEC) = 99.99 % CO					75 FTP	0.94	14.04	843.2	2.26	10.22
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
293	75	FORD	THUN	460.	COLD TRANS	1.58	46.34	877.9	1.95	9.29
					COLD STAB	0.69	33.08	957.8	1.04	8.77
IHC = 0055 PPM HEXANE					HOT TRANS	1.26	26.54	817.1	2.14	10.29
ICO (ACT) = 00.80 % CO					72 FTP	1.12	34.43	919.5	1.47	9.01
ICO (SPEC) = 99.99 % CO					75 FTP	1.03	34.02	902.9	1.52	9.25
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
294	75	LINC	CONT	460.	COLD TRANS	2.14	49.43	806.2	2.71	9.96
					COLD STAB	1.28	59.49	896.2	1.31	8.93
IHC = 0145 PPM HEXANE					HOT TRANS	1.58	34.79	724.7	2.79	11.31
ICO (ACT) = 02.60 % CO					72 FTP	1.69	54.67	853.1	1.98	9.40
ICO (SPEC) = 99.99 % CO					75 FTP	1.54	50.68	830.9	2.00	9.70
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
295	75	MERC	MONA	302.	COLD TRANS	1.15	9.84	653.2	2.45	13.20
					COLD STAB	0.40	0.27	643.0	2.24	13.77
IHC = 0095 PPM HEXANE					HOT TRANS	0.68	1.83	570.2	2.58	15.43
ICO (ACT) = 00.01 % CO					72 FTP	0.76	4.85	647.9	2.34	13.49
ICO (SPEC) = 99.99 % CO					75 FTP	0.63	2.67	625.2	2.37	14.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
296	75	MERC	MONA	302.	COLD TRANS	0.88	7.62	719.3	1.96	12.69
					COLD STAB	0.30	0.73	766.0	1.33	11.56
IHC = 0070 PPM HEXANE					HOT TRANS	0.61	2.56	623.7	1.76	14.10
ICO (ACT) = 00.00 % CO					72 FTP	0.58	4.03	743.6	1.63	11.61
ICO (SPEC) = 99.99 % CO					75 FTP	0.50	2.65	717.5	1.58	12.27
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
297	75	MERC	STAW	351.	COLD TRANS	1.35	19.58	791.0	4.78	10.74
					COLD STAB	0.88	24.15	715.0	1.85	11.74
IHC = 0090 PPM HEXANE					HOT TRANS	0.88	17.59	712.9	4.47	11.94
ICO (ACT) = 01.40 % CO					72 FTP	1.11	21.97	751.4	3.25	11.24
ICO (SPEC) = 99.99 % CO					75 FTP	0.98	21.42	730.0	3.17	11.57
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
298	75	MERC	[illegible]	400.	COLD TRANS	1.74	14.34	913.6	3.30	9.43
					COLD STAB	0.73	6.64	950.6	2.17	9.21
					HOT TRANS	0.88	8.43	816.0	3.42	10.67
IHC = 0350 PPM HEXANE					72 HTP	1.22	10.23	932.9	2.71	9.31
ICO (ALT) = 00.10 % CO					75 HTP	0.98	8.71	906.3	2.74	9.61
ICO (SPEC) = 99.99 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										
299	75	OLDS	[illegible]	231.	COLD TRANS	6.98	122.03	408.3	2.09	14.27
					COLD STAB	4.85	125.09	377.7	0.43	15.05
					HOT TRANS	2.49	51.76	393.8	1.99	16.37
IHC = 0220 PPM HEXANE					72 HTP	5.87	123.63	392.3	1.22	14.67
ICO (ALT) = 04.60 % CO					75 HTP	4.64	104.45	388.4	1.20	15.65
ICO (SPEC) = 99.99 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										
300	75	OLDS	CUTL	260.	COLD TRANS	1.06	33.89	569.4	2.12	14.11
					COLD STAB	1.22	27.15	557.8	1.10	14.69
					HOT TRANS	1.13	14.96	512.4	1.68	16.45
IHC = 0400 PPM HEXANE					72 HTP	1.62	30.36	563.4	1.59	14.40
ICO (ALT) = 05.30 % CO					75 HTP	1.37	25.21	547.8	1.47	15.00
ICO (SPEC) = 99.99 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										
301	75	OLDS	CUTL	350.	COLD TRANS	1.67	10.72	636.1	1.86	13.48
					COLD STAB	0.14	0.48	563.8	1.70	15.71
					HOT TRANS	0.32	1.37	542.3	1.98	16.27
IHC = 0050 PPM HEXANE					72 HTP	0.87	5.38	598.4	1.77	14.56
ICO (ALT) = 00.05 % CO					75 HTP	0.50	2.83	572.8	1.81	15.33
ICO (SPEC) = 99.99 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
302	75	OLDS	CUTL	350.	COLD TRANS	2.27	10.37	592.7	2.04	14.40
					COLD STAB	0.27	0.74	559.3	2.44	15.81
THC = 0640 PPM HEXANE					HOT TRANS	0.44	1.75	539.2	2.44	16.34
ICO (ALT) = 00.10 % CO					72 RTP	1.23	5.35	575.3	2.25	15.10
ICO (SPEC) = 99.99 % CO					75 RTP	0.73	3.00	560.7	2.36	15.63
OTHER TESTS:					MPET	0.0	0.0	0.0	0.0	0.0
303	75	OLDS	CUTL	350.	COLD TRANS	2.68	36.16	576.6	2.04	13.81
					COLD STAB	2.25	43.67	517.3	1.54	14.96
THC = 0180 PPM HEXANE					HOT TRANS	1.79	22.39	505.9	2.11	16.23
ICO (ALT) = 02.00 % CO					72 RTP	2.55	40.18	545.7	1.78	14.39
ICO (SPEC) = 99.99 % CO					75 RTP	2.25	36.42	526.4	1.80	15.02
OTHER TESTS:					MPET	0.0	0.0	0.0	0.0	0.0
304	75	OLDS	VATV	455.	COLD TRANS	2.14	25.19	691.4	2.27	12.03
					COLD STAB	1.63	40.08	650.6	1.66	12.24
THC = 0360 PPM HEXANE					HOT TRANS	1.46	20.44	611.6	2.50	13.69
ICO (ALT) = 04.40 % CO					72 RTP	1.98	32.95	673.3	1.96	12.14
ICO (SPEC) = 99.99 % CO					75 RTP	1.79	31.66	651.5	2.03	12.56
OTHER TESTS:					MPET	0.0	0.0	0.0	0.0	0.0
305	75	OLDS	DELT	350.	COLD TRANS	2.94	37.10	632.9	2.02	12.67
					COLD STAB	2.27	44.37	572.9	1.49	13.66
THC = 0350 PPM HEXANE					HOT TRANS	1.62	22.05	542.1	1.98	15.25
ICO (ALT) = 06.50 % CO					72 RTP	2.59	40.89	601.6	1.74	13.17
ICO (SPEC) = 99.99 % CO					75 RTP	2.23	36.78	576.8	1.73	13.83
OTHER TESTS:					MPET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
306	75	OLDS	VISTA	455.	COLD TRANS	1.78	12.61	752.7	2.27	11.41
					COLD STAB	0.14	0.39	739.6	1.92	11.98
					HOT TRANS	0.20	0.92	469.2	2.40	18.83
IHC = 0110 PPM HEXANE					22 RTP	0.92	6.24	745.8	2.06	11.70
ICO (ALT) = 00.03 % CO					75 RTP	0.49	3.05	668.5	2.12	13.15
ICO (SPEC) = 99.99 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										
307	75	PLYM	VALI	225.	COLD TRANS	1.33	33.79	490.9	1.95	16.19
					COLD STAB	0.75	16.77	473.7	1.09	17.66
					HOT TRANS	0.69	7.07	446.0	2.13	19.32
IHC = 0200 PPM HEXANE					22 RTP	1.03	24.92	482.0	1.50	16.92
ICO (ALT) = 00.35 % CO					75 RTP	0.86	17.63	469.7	1.55	17.75
ICO (SPEC) = 00.30 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										
308	75	PLYM	VALI	318.	COLD TRANS	3.84	60.56	581.3	2.88	12.71
					COLD STAB	1.06	30.49	645.0	1.93	12.75
					HOT TRANS	1.04	14.10	573.2	4.60	14.83
IHC = 0325 PPM HEXANE					22 RTP	2.39	47.76	614.5	2.39	12.73
ICO (ALT) = 10.60 % CO					75 RTP	1.63	33.44	612.3	2.69	13.25
ICO (SPEC) = 00.30 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										
309	75	PLYM	STAN	318.	COLD TRANS	1.41	26.65	664.2	3.03	12.49
					COLD STAB	0.17	1.69	684.7	1.85	12.90
					HOT TRANS	0.89	2.14	612.2	3.46	14.35
IHC = 0050 PPM HEXANE					22 RTP	0.76	13.64	674.9	2.42	12.70
ICO (ALT) = 00.05 % CO					75 RTP	0.62	6.95	660.7	2.52	13.18
ICO (SPEC) = 00.30 % CO					HFET	0.0	0.0	0.0	0.0	0.0
OTHER TESTS:										

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
310	75	PLYM	FURY	318.	COLD TRANS	2.55	82.49	642.1	1.87	11.38
					COLD STAB	0.15	3.49	743.5	1.53	11.84
IHC = 0055 PPM HEXANE					HOT TRANS	0.39	3.86	640.4	2.38	13.70
ICO (ACT) = 00.02 % CO					72 FTP	1.30	41.30	695.0	1.69	11.62
ICO (SPEC = 00.30 % CO					75 FTP	0.71	19.85	694.5	1.83	12.19
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
311	75	PLYM	STAW	318.	COLD TRANS	6.34	189.97	623.4	1.28	9.42
					COLD STAB	1.40	46.96	686.7	1.62	11.60
IHC = 0255 PPM HEXANE					HOT TRANS	1.18	21.00	627.3	2.75	13.37
ICO (ACT) = 04.60 % CO					72 FTP	3.76	115.41	656.4	1.45	10.44
ICO (SPEC) = 00.30 % CO					75 FTP	2.36	69.31	657.5	1.66	11.47
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
312	75	PLYM	STAW	400.	COLD TRANS	2.28	79.44	788.4	3.57	9.64
					COLD STAB	0.85	36.74	813.8	2.46	10.15
IHC = 0270 PPM HEXANE					HOT TRANS	1.00	19.32	714.1	5.05	11.87
ICO (ACT) = 08.50 % CO					72 FTP	1.53	57.18	801.6	2.99	9.90
ICO (SPEC) = 00.30 % CO					75 FTP	1.18	40.78	781.4	3.39	10.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
313	75	PLYM	STAW	360.	COLD TRANS	2.23	75.82	711.9	1.37	10.59
					COLD STAB	0.49	20.57	746.6	1.58	11.37
IHC = 0050 PPM HEXANE					HOT TRANS	0.76	13.99	654.2	2.41	13.06
ICO (ACT) = 05.50 % CO					72 FTP	1.33	47.02	730.0	1.48	10.98
ICO (SPEC) = 00.30 % CO					75 FTP	0.92	30.15	714.2	1.76	11.61
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
314	75	PONT	ASTR	140.	COLD TRANS	1.73	37.45	489.7	2.15	16.02
					COLD STAB	0.82	29.06	421.2	0.97	18.91
IHC = 0600 PPM HEXANE					HOT TRANS	0.74	15.56	409.0	1.89	20.37
ICO (ACT) = 06.00 % CO					72 FTP	1.25	33.07	454.0	1.54	17.40
ICO (SPEC) = 99.99 % CO					75 FTP	0.99	27.10	432.0	1.47	18.58
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
315	75	PONT	VENT	260.	COLD TRANS	1.09	6.39	623.1	2.43	13.94
					COLD STAB	0.12	0.04	570.7	1.70	15.54
IHC = 0058 PPM HEXANE					HOT TRANS	0.31	3.24	541.4	2.16	16.21
ICO (ACT) = 00.20 % CO					72 FTP	0.58	3.08	595.7	2.05	14.73
ICO (SPEC) = 99.99 % CO					75 FTP	0.37	2.22	573.5	1.97	15.35
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
316	75	PONT	FIRE	350.	COLD TRANS	3.13	70.39	644.4	5.04	11.60
					COLD STAB	1.67	42.50	633.5	3.38	12.58
IHC = 0180 PPM HEXANE					HOT TRANS	1.57	27.17	587.4	5.45	13.98
ICO (ACT) = 04.00 % CO					72 FTP	2.37	55.85	636.7	4.17	12.09
ICO (SPEC) = 99.99 % CO					75 FTP	1.94	44.06	623.1	4.29	12.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
317	75	PONT	FIRE	350.	COLD TRANS	2.01	27.50	583.1	2.16	14.03
					COLD STAB	0.19	0.58	626.6	1.91	14.13
IHC = 0030 PPM HEXANE					HOT TRANS	0.40	2.19	522.0	2.55	16.85
ICO (ACT) = 00.00 % CO					72 FTP	1.06	13.47	605.8	2.03	14.08
ICO (SPEC) = 99.99 % CO					75 FTP	0.62	6.56	589.1	2.14	14.76
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
318	75	PONT	CATA	400.	COLD TRANS	2.81	71.18	609.5	3.45	12.15
					COLD STAB	2.58	97.89	589.7	2.52	11.81
IHC = 0325 PPM HEXANE					HOT TRANS	1.78	44.62	543.2	4.05	14.34
ICO (ACT) = 06.80 % CO					72 FTP	2.69	85.11	599.2	2.97	11.97
ICO (SPEC) = 99.99 % CO					75 FTP	2.41	77.66	581.1	3.13	12.48
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
319	75	PONT	CATA	400.	COLD TRANS	2.67	41.02	667.1	2.72	11.99
					COLD STAB	1.86	37.71	642.7	1.82	12.54
IHC = 0650 PPM HEXANE					HOT TRANS	1.58	21.15	596.3	2.99	13.99
ICO (ACT) = 03.60 % CO					72 FTP	2.25	39.30	654.4	2.25	12.27
ICO (SPEC) = 99.99 % CO					75 FTP	1.95	33.87	635.1	2.32	12.76
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
320	75	PONT	GRNP	400.	COLD TRANS	9.22	172.63	562.7	1.02	10.28
					COLD STAB	10.48	164.23	530.0	0.65	10.81
IHC = 1600 PPM HEXANE					HOT TRANS	8.79	158.98	487.5	1.10	11.60
ICO (ACT) = 08.30 % CO					72 FTP	9.87	168.25	545.7	0.83	10.55
ICO (SPEC) = 99.99 % CO					75 FTP	9.76	164.52	525.1	0.85	10.90
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
321	75	PONT	BONN	400.	COLD TRANS	1.83	39.94	721.9	3.00	11.23
					COLD STAB	0.13	0.23	746.3	2.59	11.88
IHC = 0040 PPM HEXANE					HOT TRANS	0.97	4.05	655.1	3.56	13.36
ICO (ACT) = 00.00 % CO					72 FTP	0.94	19.24	734.6	2.79	11.56
ICO (SPEC) = 99.99 % CO					75 FTP	0.71	9.44	716.4	2.94	12.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
322	75	AUDI	FOX	97.	COLD TRANS	1.79	14.18	423.6	5.04	19.65
					COLD STAB	1.03	4.85	434.0	2.67	19.95
IHC = 0060 PPM HEXANE					HOT TRANS	1.38	5.98	380.3	4.93	22.52
ICO (ACT) = 03.50 % CO					72 FTP	1.39	9.31	429.0	3.81	19.81
ICO (SPEC) = 01.00 % CO					75 FTP	1.28	7.08	417.2	3.78	20.53
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
323	76	MERC	CAPR	171.	COLD TRANS	1.86	23.55	520.2	2.67	15.76
					COLD STAB	0.34	1.20	593.3	1.20	14.89
IHC = 0032 PPM HEXANE					HOT TRANS	0.65	2.45	483.8	2.35	18.12
ICO (ACT) = 00.01 % CO					72 FTP	1.07	11.90	558.3	1.90	15.29
ICO (SPEC) = 99.99 % CO					75 FTP	0.74	6.14	546.4	1.82	15.84
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
324	76	MERC	CAPR	171.	COLD TRANS	5.38	41.02	457.7	2.76	16.46
					COLD STAB	0.70	7.30	572.2	1.33	15.15
IHC = 0030 PPM HEXANE					HOT TRANS	0.86	8.46	426.0	2.57	20.08
ICO (ACT) = 00.04 % CO					72 FTP	2.94	23.44	517.4	2.01	15.75
ICO (SPEC) = 00.50 % CO					75 FTP	1.71	14.56	508.7	1.96	16.53
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
325	75	DODG	COLT	98.	COLD TRANS	1.22	17.29	400.1	1.73	20.59
					COLD STAB	0.40	7.65	457.5	0.99	18.85
IHC = 0020 PPM HEXANE					HOT TRANS	0.62	9.44	387.6	1.73	21.95
ICO (ACT) = 00.55 % CO					72 FTP	0.79	12.26	430.0	1.35	19.65
ICO (SPEC) = 02.00 % CO					75 FTP	0.63	10.12	426.6	1.35	19.97
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
326	75	DATS	710	119.	COLD TRANS	1.42	16.56	405.9	3.19	20.34
					COLD STAB	0.94	11.98	428.5	1.74	19.71
IHC = 0350 PPM HEXANE					HOT TRANS	1.30	11.20	379.3	3.61	22.13
ICO (ACT) = 03.10 % CO					72 FTP	1.17	14.17	417.7	2.43	20.01
ICO (SPEC) = 02.00 % CO					75 FTP	1.14	12.71	410.4	2.55	20.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
327	75	DATS	B210	85.	COLD TRANS	1.60	15.26	330.6	3.16	24.66
					COLD STAB	1.40	9.11	347.0	1.66	24.27
IHC = 0400 PPM HEXANE					HOT TRANS	1.39	10.30	299.3	3.05	27.75
ICO (ACT) = 04.00 % CO					72 FTP	1.50	12.05	339.1	2.37	24.46
ICO (SPEC) = 02.00 % CO					75 FTP	1.44	10.70	330.6	2.34	25.22
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
328	75	DATS	710	119.	COLD TRANS	1.46	22.35	400.8	3.14	20.15
					COLD STAB	0.95	14.01	419.2	2.01	19.98
IHC = 0072 PPM HEXANE					HOT TRANS	1.15	13.84	337.6	2.89	24.45
ICO (ACT) = 00.60 % CO					72 FTP	1.19	18.00	410.4	2.55	20.06
ICO (SPEC) = 02.00 % CO					75 FTP	1.11	15.68	393.1	2.48	21.07
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
329	75	FIAT	131S	107.	COLD TRANS	2.51	40.70	447.0	1.62	17.11
					COLD STAB	0.95	16.46	502.5	1.02	16.70
IHC = 0075 PPM HEXANE					HOT TRANS	1.02	13.42	417.9	1.84	20.07
ICO (ACT) = 00.60 % CO					72 FTP	1.70	28.06	475.9	1.30	16.89
ICO (SPEC) = 00.50 % CO					75 FTP	1.29	20.62	468.0	1.36	17.59
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
330	75	FIAT	X119	79.	COLD TRANS	0.90	7.74	402.5	1.94	21.26
					COLD STAB	0.12	2.02	436.3	1.13	20.18
IHC = 0039 PPM HEXANE					HOT TRANS	0.25	2.16	354.5	1.69	24.74
ICO (ACT) = 00.02 % CO					72 FTP	0.49	4.76	420.1	1.52	20.68
ICO (SPEC) = 03.00 % CO					75 FTP	0.31	3.24	407.0	1.45	21.48
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
321	75	HOND	CVCC	91.	COLD TRANS	1.48	11.09	340.4	1.91	24.48
					COLD STAB	0.38	4.62	347.4	1.33	24.94
IHC = 0100 PPM HEXANE					HOT TRANS	0.50	3.44	304.8	1.85	28.47
ICO (ACT) = 00.75 % CO					72 FTP	0.90	7.72	344.1	1.61	24.72
ICO (SPEC) = 00.25 % CO					75 FTP	0.64	5.63	334.3	1.59	25.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
332	75	MAZD	STAW	70.	COLD TRANS	1.96	15.78	616.0	1.77	13.72
					COLD STAB	1.07	12.65	686.6	0.91	12.47
IHC = 0710 PPM HEXANE					HOT TRANS	2.87	12.71	558.0	2.01	15.12
ICO (ACT) = 03.25 % CO					72 FTP	1.50	14.15	653.9	1.32	13.04
ICO (SPEC) = 00.50 % CO					75 FTP	1.74	13.31	638.1	1.39	13.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
333	75	MAZD	STAW	70.	COLD TRANS	2.75	21.61	641.7	1.53	12.97
					COLD STAB	0.12	3.14	642.8	0.38	13.69
IHC = 1100 PPM HEXANE					HOT TRANS	1.30	13.97	528.9	1.42	15.99
ICO (ACT) = 02.80 % CO					72 FTP	1.38	11.98	642.3	0.93	13.34
ICO (SPEC) = 02.00 % CO					75 FTP	0.99	9.90	611.5	0.90	14.08
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
334	75	MERC	BENZ	167.	COLD TRANS	1.45	18.33	604.5	4.17	13.91
					COLD STAB	0.66	4.62	597.6	2.10	14.62
IHC = 0055 PPM HEXANE					HOT TRANS	0.87	7.42	524.3	3.35	16.48
ICO (ACT) = 00.00 % CO					72 FTP	1.04	11.19	600.9	3.09	14.27
ICO (SPEC) = 01.00 % CO					75 FTP	0.88	8.21	579.0	2.86	14.92
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
335	75	MG	MGB	110.	COLD TRANS	1.79	14.23	537.0	2.33	15.71
					COLD STAB	0.68	7.56	561.3	1.43	15.43
IHC = 0140 PPM HEXANE					HOT TRANS	0.71	10.31	465.7	2.05	18.33
ICO (ACT) = 00.95 % CO					72 FTP	1.21	10.75	549.6	1.66	15.56
ICO (SPEC) = 05.50 % CO					75 FTP	0.92	9.68	530.2	1.76	16.19
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
336	75	OPEL	STAW	116.	COLD TRANS	1.01	7.34	488.0	2.39	17.65
					COLD STAB	0.65	2.84	544.6	1.80	16.10
IHC = 0065 PPM HEXANE					HOT TRANS	0.77	3.20	438.1	2.44	19.92
ICO (ACT) = 00.05 % CO					72 FTP	0.82	4.99	517.5	2.06	16.81
ICO (SPEC) = 99.99 % CO					75 FTP	0.76	3.86	503.9	2.10	17.32
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
337	75	OPEL	1900	116.	COLD TRANS	1.31	8.61	444.3	2.33	19.21
					COLD STAB	0.72	3.13	494.5	1.52	17.69
IHC = 0062 PPM HEXANE					HOT TRANS	0.74	3.07	398.7	2.00	21.67
ICO (ACT) = 00.06 % CO					72 FTP	1.00	5.76	470.5	1.91	16.34
ICO (SPEC) = 99.99 % CO					75 FTP	0.84	4.24	458.0	1.82	18.99
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
338	75	PORS	914	109.	COLD TRANS	2.83	36.34	462.1	2.07	16.80
					COLD STAB	0.93	12.10	535.8	1.36	15.91
IHC = 0258 PPM HEXANE					HOT TRANS	1.86	26.27	441.7	1.76	18.15
ICO (ACT) = 01.26 % CO					72 FTP	1.84	23.70	500.5	1.70	16.33
ICO (SPEC) = 99.99 % CO					75 FTP	1.58	20.96	494.9	1.61	16.66
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
339	75	TOYO	CORO	97.	COLD TRANS	2.31	15.17	356.5	4.64	22.89
					COLD STAB	1.94	10.52	353.8	2.68	23.58
IHC = 0175 PPM HEXANE					HOT TRANS	1.72	7.82	330.6	4.10	25.48
ICO (ACT) = 00.15 % CO					72 FTP	2.12	12.75	355.1	3.72	23.24
ICO (SPEC) = 99.99 % CO					75 FTP	1.96	10.74	348.0	3.58	23.92
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
340	75	TOYO	CELI	133.	COLD TRANS	2.20	17.38	480.2	6.12	17.25
					COLD STAB	1.53	8.97	506.9	2.36	16.88
IHC = 0070 PPM HEXANE					HOT TRANS	1.63	6.21	427.5	5.56	20.06
ICO (ACT) = 00.95 % CO					72 FTP	1.85	13.00	494.1	4.16	17.05
ICO (SPEC) = 99.99 % CO					75 FTP	1.70	9.95	479.7	4.01	17.72
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
341	75	TOYO	CORO	97.	COLD TRANS	2.40	19.82	379.9	3.35	21.20
					COLD STAB	0.88	11.75	423.5	1.66	19.95
IHC = 0150 PPM HEXANE					HOT TRANS	1.35	9.50	352.8	2.74	23.86
ICO (ACT) = 00.20 % CO					72 FTP	1.61	15.61	402.6	2.47	20.53
ICO (SPEC) = 99.99 % CO					75 FTP	1.32	12.80	395.3	2.30	21.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
342	75	VOLK	SEDA	97.	COLD TRANS	3.21	37.14	328.6	1.57	22.35
					COLD STAB	2.25	27.61	382.3	0.92	20.51
IHC = 0320 PPM HEXANE					HOT TRANS	1.86	19.83	321.8	1.52	24.73
ICO (ACT) = 03.40 % CO					72 FTP	2.71	32.17	356.6	1.23	21.35
ICO (SPEC) = 02.00 % CO					75 FTP	2.34	27.45	354.7	1.22	21.90
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
343	75	VOLK	RABB	90.	COLD TRANS	0.87	16.19	400.2	2.00	20.72
					COLD STAB	0.14	0.18	371.7	1.66	23.63
IHC = 0110 PPM HEXANE					HOT TRANS	0.38	0.99	338.5	2.20	26.01
ICO (ACT) = 00.08 % CO					72 FTP	0.49	7.84	385.3	1.82	22.23
ICO (SPEC) = 02.00 % CO					75 FTP	0.36	3.69	368.5	1.88	23.64
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
344	75	VOLK	RABB	90.	COLD TRANS	2.05	44.49	432.1	1.09	17.45
					COLD STAB	0.16	0.72	414.3	0.76	21.34
IHC = 0175 PPM HEXANE					HOT TRANS	0.48	1.05	388.9	1.05	22.63
ICO (ACT) = 03.80 % CO					72 FTP	1.06	21.67	422.8	0.92	19.28
ICO (SPEC) = 02.00 % CO					75 FTP	0.64	9.82	411.1	0.91	20.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
345	75	VOLV	244	121.	COLD TRANS	1.57	28.69	524.3	3.54	15.45
					COLD STAB	0.56	11.84	557.6	1.28	15.36
IHC = 0055 PPM HEXANE					HOT TRANS	0.80	13.65	474.0	2.76	17.82
ICO (ACT) = 02.90 % CO					72 FTP	1.04	19.91	541.6	2.36	15.40
ICO (SPEC) = 01.50 % CO					75 FTP	0.83	15.80	527.9	2.15	15.98
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
046	74	AMC	GREM	232.	COLD TRANS	4.24	61.48	386.2	2.99	17.88
					COLD STAB	2.92	24.14	432.4	1.90	18.50
IHC = 0350 PPM HEXANE					HOT TRANS	2.52	16.72	352.7	2.88	22.94
ICO (ACT) = 02.50 % CO					72 FTP	3.55	42.01	410.3	2.42	18.20
ICO (SPEC) = 01.30 % CO					75 FTP	3.08	29.80	401.2	2.39	19.39
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
047	74	BUIC	ELEC	455.	COLD TRANS	2.48	31.11	990.0	2.33	8.48
					COLD STAB	1.33	13.86	1054.6	1.54	8.21
IHC = 0350 PPM HEXANE					HOT TRANS	1.95	12.17	871.6	2.35	9.90
ICO (ACT) = 00.25 % CO					72 FTP	1.88	22.12	1023.7	1.91	8.34
ICO (SPEC) = 00.3 % CO					75 FTP	1.74	16.95	991.4	1.92	8.67
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
048	74	BUIC	REGA	350.	COLD TRANS	3.10	42.39	734.1	1.67	10.95
					COLD STAB	1.92	15.98	746.1	1.22	11.42
IHC = 0190 PPM HEXANE					HOT TRANS	1.99	14.08	645.1	1.89	13.18
ICO (ACT) = 00.30 % CO					72 FTP	2.49	28.62	740.4	1.44	11.19
ICO (SPEC) = 00.30 % CO					75 FTP	2.18	20.90	716.1	1.50	11.74
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
049	74	CHEV	VEGA	140.	COLD TRANS	2.18	27.85	483.9	2.29	16.60
					COLD STAB	1.31	4.21	470.1	1.41	18.46
IHC = 0525 PPM HEXANE					HOT TRANS	1.14	5.70	429.7	1.94	20.07
ICO (ACT) = 05.00 % CO					72 FTP	1.73	15.52	476.7	1.83	17.52
ICO (SPEC) = 00.50 % CO					75 FTP	1.44	9.48	461.9	1.74	18.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
050	74	CHEV	MALI	350.	COLD TRANS	6.42	136.10	516.5	2.16	11.82
					COLD STAB	2.45	55.29	536.3	1.05	14.07
IHC = 0510 PPM HEXANE					HOT TRANS	3.26	37.95	467.1	2.04	16.52
ICO (ACT) = 10.00 % CO					72 FTP	4.35	93.97	526.8	1.58	12.90
ICO (SPEC) = 00.50 % CO					75 FTP	3.49	67.19	513.3	1.55	14.09
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
051	74	CHEV	NOVA	250.	COLD TRANS	3.99	37.20	530.0	3.04	14.77
					COLD STAB	3.12	16.73	608.1	1.94	13.78
IHC = 1050 PPM HEXANE					HOT TRANS	3.15	20.06	489.6	2.92	16.71
ICO (ACT) = 00.48 % CO					72 FTP	3.53	26.53	570.7	2.47	14.23
ICO (SPEC) = 00.30 % CO					75 FTP	3.31	21.85	559.7	2.43	14.68
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
052	74	CHEV	NOVA	350.	COLD TRANS	2.26	35.70	685.5	2.67	11.85
					COLD STAB	1.95	23.03	714.2	0.96	11.73
IHC = 0252 PPM HEXANE					HOT TRANS	1.86	17.76	614.7	1.66	13.69
ICO (ACT) = 00.76 % CO					72 FTP	2.10	29.10	700.5	1.78	11.79
ICO (SPEC) = 00.50 % CO					75 FTP	1.99	24.20	681.1	1.50	12.23
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
053	74	CHEV	IMPA	350.	COLD TRANS	4.66	128.05	760.3	1.49	9.09
					COLD STAB	3.40	39.26	864.2	1.15	9.48
IHC = 0410 PPM HEXANE					HOT TRANS	3.60	51.02	745.3	1.92	10.61
ICO (ACT) = 00.90 % CO					72 FTP	4.00	81.76	814.5	1.31	9.29
ICO (SPEC) = 00.50 % CO					75 FTP	3.71	60.74	810.4	1.43	9.67
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
054	74	CHEV	IMPA	400.	COLD TRANS	5.63	101.48	869.3	2.77	8.48
					COLD STAB	2.69	49.62	806.6	2.46	9.94
IHC = 0425 PPM HEXANE					HOT TRANS	3.12	30.53	754.5	3.42	10.93
ICO (ACT) = 02.60 % CO					72 FTP	4.10	74.45	836.6	2.61	9.18
ICO (SPEC) = 00.50 % CO					75 FTP	3.41	55.09	805.3	2.78	9.83
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
055	74	DODG	CHAR	318.	COLD TRANS	5.40	37.55	608.6	3.67	12.96
					COLD STAB	3.35	35.64	551.6	3.15	14.36
IHC = 0175 PPM HEXANE					HOT TRANS	2.42	7.48	492.3	4.68	17.35
ICO (ACT) = 00.90 % CO					72 FTP	4.33	36.55	578.9	3.40	13.65
ICO (SPEC) = 00.50 % CO					75 FTP	3.52	28.35	547.1	3.68	14.72
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
056	74	DODG	DART	225.	COLD TRANS	3.13	26.83	463.4	4.45	17.22
					COLD STAB	1.95	8.76	479.2	2.79	17.78
IHC = 0300 PPM HEXANE					HOT TRANS	2.62	16.56	414.8	3.78	19.76
ICO (ACT) = 00.15 % CO					72 FTP	2.51	17.41	471.6	3.58	17.51
ICO (SPEC) = 00.50 % CO					75 FTP	2.37	14.60	456.4	3.40	18.16
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
057	74	FORD	MUST	122.	COLD TRANS	3.79	60.99	403.1	1.38	17.37
					COLD STAB	3.26	66.87	449.0	0.83	15.73
IHC = 0100 PPM HEXANE					HOT TRANS	2.91	41.06	372.8	1.35	19.87
ICO (ACT) = 10.00 % CO					72 FTP	3.52	64.06	427.0	1.09	16.47
ICO (SPEC) = 01.50 % CO					75 FTP	3.28	58.62	418.7	1.08	17.03
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
058	74	FORD	TORI	302.	COLD TRANS	4.62	52.31	582.5	3.52	13.06
					COLD STAB	4.02	39.21	544.5	2.16	14.34
IHC = 0170 PPM HEXANE					HOT TRANS	3.58	24.52	515.4	3.70	15.70
ICO (ACT) = 00.00 % CO					72 FTP	4.31	45.48	562.7	2.81	13.70
ICO (SPEC) = 99.99 % CO					75 FTP	4.02	37.90	544.4	2.86	14.39
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
059	74	FORD	MAVE	250.	COLD TRANS	3.31	25.02	503.1	2.45	16.05
					COLD STAB	1.89	7.89	493.2	2.32	17.35
IHC = 0340 PPM HEXANE					HOT TRANS	2.58	14.33	432.3	2.43	19.17
ICO (ACT) = 00.10 % CO					72 FTP	2.57	16.09	497.9	2.38	16.70
ICO (SPEC) = 00.50 % CO					75 FTP	2.37	13.17	478.6	2.37	17.51
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
060	74	FORD	GALA	351.	COLD TRANS	5.21	93.93	628.0	2.65	11.20
					COLD STAB	3.47	75.01	647.1	2.17	11.44
IHC = 0540 PPM HEXANE					HOT TRANS	3.18	39.15	589.2	3.29	13.43
ICO (ACT) = 06.30 % CO					72 FTP	4.30	84.07	638.0	2.49	11.32
ICO (SPEC) = 99.99 % CO					75 FTP	3.75	69.12	627.4	2.61	11.87
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
061	74	FORD	LTD	400.	COLD TRANS	4.67	41.95	710.5	3.00	11.22
					COLD STAB	3.74	75.90	690.9	1.40	10.80
IHC = 2000 PPM HEXANE					HOT TRANS	3.31	36.16	632.8	2.84	12.68
ICO (ACT) = 10.00 % CO					72 FTP	4.18	59.64	700.3	2.17	10.99
ICO (SPEC) = 00.40 % CO					75 FTP	3.81	58.07	679.1	2.12	11.34
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
062	74	LINC	MRK4	460.	COLD TRANS	4.80	118.11	711.1	1.95	9.73
					COLD STAB	3.43	94.53	818.9	0.85	9.07
IHC = 0525 PPM HEXANE					HOT TRANS	4.38	89.90	671.5	1.69	10.74
ICO (ACT) = 10.00 % CO					72 FTP	4.06	105.82	767.3	1.38	9.38
ICO (SPEC) = 00.25 % CO					75 FTP	3.97	98.12	756.5	1.31	9.61
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
063	74	MERC	MONG	351.	COLD TRANS	4.52	44.42	629.9	2.40	12.43
					COLD STAB	11.04	34.65	666.3	1.63	11.74
IHC = 0425 PPM HEXANE					HOT TRANS	5.33	27.65	568.2	2.55	14.12
ICO (ACT) = 01.80 % CO					72 FTP	7.92	39.33	648.9	2.10	12.06
ICO (SPEC) = 00.40 % CO					75 FTP	8.14	34.75	632.1	2.15	12.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
064	74	OLDS	CUTL	350.	COLD TRANS	5.28	66.68	731.3	2.66	10.41
					COLD STAB	3.01	63.51	798.1	2.02	9.78
IHC = 0375 PPM HEXANE					HOT TRANS	2.80	36.25	680.1	2.91	11.90
ICO (ACT) = 10.00 % CO					72 FTP	4.10	65.03	766.1	2.33	10.07
ICO (SPEC) = 00.20 % CO					75 FTP	3.42	56.72	752.1	2.39	10.42
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
065	74	OLDS	STAW	455.	COLD TRANS	3.08	17.14	789.7	5.00	10.74
					COLD STAB	2.17	5.99	861.5	2.42	10.11
IHC = 0310 PPM HEXANE					HOT TRANS	2.53	5.84	727.4	4.81	11.92
ICO (ACT) = 00.40 % CO					72 FTP	2.61	11.33	827.1	3.65	10.40
ICO (SPEC) = 00.30 % CO					75 FTP	2.46	8.24	810.2	3.60	10.68
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
066	74	OLDS	REGE	455.	COLD TRANS	4.74	50.95	916.9	2.39	8.77
					COLD STAB	3.90	43.10	936.9	1.57	8.73
IHC = 0390 PPM HEXANE					HOT TRANS	5.87	22.61	814.5	2.64	10.22
ICO (ACT) = 04.70 % CO					72 FTP	4.31	46.86	927.3	1.96	8.75
ICO (SPEC) = 00.30 % CO					75 FTP	4.61	39.13	899.4	2.09	9.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
067	74	PLYM	SCAM	318.	COLD TRANS	7.43	98.40	529.1	4.73	12.55
					COLD STAB	3.46	84.40	563.0	1.42	12.56
IHC = 0210 PPM HEXANE					HOT TRANS	3.47	42.66	546.6	4.74	14.20
ICO (ACT) = 04.60 % CO					72 FTP	5.36	91.10	546.8	3.27	12.56
ICO (SPEC) = 00.50 % CO					75 FTP	4.28	75.95	551.5	3.27	12.97
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
068	74	PLYM	VALI	225.	COLD TRANS	2.28	29.05	427.8	7.48	18.46
					COLD STAB	1.53	12.15	438.2	4.19	19.21
IHC = 0165 PPM HEXANE					HOT TRANS	2.07	16.12	380.3	6.54	21.53
ICO (ACT) = 00.70 % CO					72 FTP	1.89	20.24	433.2	5.76	18.84
ICO (SPEC) = 00.50 % CO					75 FTP	1.83	16.71	420.3	5.51	19.62
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
069	74	PONT	CATA	400.	COLD TRANS	4.72	37.31	925.8	2.29	8.88
					COLD STAB	2.76	11.41	813.4	1.66	10.57
IHC = 0300 PPM HEXANE					HOT TRANS	3.21	12.17	733.1	2.57	11.64
ICO (ACT) = 00.15 % CO					72 FTP	3.70	23.80	867.2	1.96	9.69
ICO (SPEC) = 00.20 % CO					75 FTP	3.29	16.95	814.6	2.04	10.42
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
070	74	PONT	LEMA	350.	COLD TRANS	3.49	27.91	708.2	2.82	11.63
					COLD STAB	2.56	11.73	711.9	2.49	12.62
IHC = 0235 PPM HEXANE					HOT TRANS	2.98	9.77	619.6	3.56	13.77
ICO (ACT) = 00.20 % CO					72 FTP	3.01	19.48	710.1	2.65	11.63
ICO (SPEC) = 00.50 % CO					75 FTP	2.87	14.53	685.9	2.85	12.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
071	74	DATS	610	124.	COLD TRANS	2.30	24.92	404.0	2.27	19.70
					COLD STAB	2.09	13.59	398.0	1.58	20.84
IHC = 0235 PPM HEXANE					HOT TRANS	1.94	16.01	358.9	2.02	22.75
ICO (ACT) = 00.15 % CO					72 FTP	2.19	19.01	400.8	1.91	20.28
ICO (SPEC) = 99.99 % CO					75 FTP	2.09	16.58	388.5	1.84	21.07
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
072	74	MAZD	RX3	70.	COLD TRANS	5.48	23.01	511.5	1.21	15.71
					COLD STAB	4.80	28.26	575.8	0.77	13.97
IHC = 0950 PPM HEXANE					HOT TRANS	6.11	32.40	434.6	1.13	17.58
ICO (ACT) = 02.50 % CO					72 FTP	5.13	25.75	545.0	0.98	14.75
ICO (SPEC) = 02.00 % CO					75 FTP	5.30	28.31	524.1	0.96	15.16
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
073	74	TOYO	CORO	97.	COLD TRANS	3.34	35.20	363.8	7.05	20.65
					COLD STAB	3.04	36.18	314.6	2.54	23.29
IHC = 0590 PPM HEXANE					HOT TRANS	4.50	36.00	543.3	10.26	14.45
ICO (ACT) = 05.00 % CO					72 FTP	3.18	35.72	338.2	4.70	21.95
ICO (SPEC) = 04.00 % CO					75 FTP	3.50	35.93	387.1	5.58	19.52
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
074	74	VOLK	SEDA	97.	COLD TRANS	4.03	38.23	311.7	3.46	23.08
					COLD STAB	3.08	33.33	321.8	2.36	23.12
IHC = 0625 PPM HEXANE					HOT TRANS	2.48	23.36	293.0	3.61	26.29
ICO (ACT) = 01.90 % CO					72 FTP	3.53	35.67	317.0	2.88	23.10
ICO (SPEC) = 99.99 % CO					75 FTP	3.11	31.62	311.9	2.93	23.90
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
075	74	VOLK	SEDA	97.	COLD TRANS	5.42	52.97	284.8	2.69	23.04
					COLD STAB	4.46	67.27	289.4	1.33	21.69
IHC = 1300 PPM HEXANE					HOT TRANS	4.06	37.82	267.1	2.61	26.15
ICO (ACT) = 10.00 % CO					72 FTP	4.92	60.42	287.2	1.98	22.31
ICO (SPEC) = 99.99 % CO					75 FTP	4.55	56.29	282.4	1.96	23.04
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
346	74	BUIC	ELEC	455.	COLD TRANS	3.72	30.91	886.5	2.68	9.37
					COLD STAB	2.60	10.35	878.0	1.50	9.83
IHC = 0230 PPM HEXANE					HOT TRANS	3.04	14.10	757.8	2.88	11.24
ICO (ACT) = 00.18 % CO					72 FTP	3.14	20.19	882.0	2.07	9.61
ICO (SPEC) = 00.30 % CO					75 FTP	2.95	15.61	846.9	2.12	10.08
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
347	74	CADI	DEVI	472.	COLD TRANS	3.42	53.53	812.0	2.22	9.79
					COLD STAB	2.92	25.48	750.0	2.36	11.10
IHC = 0045 PPM HEXANE					HOT TRANS	2.78	22.04	702.3	2.83	11.90
ICO (ACT) = 00.40 % CO					72 FTP	3.16	38.91	779.7	2.29	10.43
ICO (SPEC) = 00.40 % CO					75 FTP	2.99	30.31	749.7	2.46	11.00
OTHER TESTS:					HFEY	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
348	74	CHEV	MONT	350.	COLD TRANS	4.58	62.41	702.9	1.79	10.88
					COLD STAB	2.66	62.13	745.1	0.89	10.43
IHC = 0590 PPM HEXANE					HOT TRANS	3.00	40.57	649.0	1.75	12.29
ICO (ACT) = 04.20 % CO					72 FTP	3.58	62.27	724.9	1.32	10.64
ICO (SPEC) = 00.50 % CO					75 FTP	3.15	56.31	710.2	1.31	10.48
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
349	74	CHEV	MALI	350.	COLD TRANS	3.10	33.21	733.7	1.88	11.15
					COLD STAB	1.85	21.57	757.8	0.94	11.13
IHC = 0280 PPM HEXANE					HOT TRANS	1.85	18.14	638.0	1.83	13.20
ICO (ACT) = 00.25 % CO					72 FTP	2.45	27.14	746.3	1.39	11.14
ICO (SPEC) = 00.50 % CO					75 FTP	2.11	23.03	720.1	1.38	11.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
350	74	CHEV	IMPA	350.	COLD TRANS	3.76	42.77	718.4	3.48	11.13
					COLD STAB	2.16	28.20	737.1	1.54	11.26
IHC = 525 PPM HEXANE					HOT TRANS	2.40	19.76	661.1	2.96	12.68
ICO (ACT) = 00.80 % CO					72 FTP	2.93	35.18	728.2	2.47	11.20
ICO (SPEC) = 00.50 % CO					75 FTP	2.56	28.90	712.5	2.33	11.59
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
351	74	CHEV	CAPR	400.	COLD TRANS	3.93	86.26	810.2	2.11	9.26
					COLD STAB	1.92	29.05	896.0	1.37	9.36
IHC = 0190 PPM HEXANE					HOT TRANS	2.09	11.58	813.8	2.42	10.56
ICO (ACT) = 00.10 % CO					72 FTP	2.88	56.44	855.0	1.72	9.32
ICO (SPEC) = 00.50 % CO					75 FTP	2.38	36.06	855.9	1.81	9.65
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
352	74	CHRY	NEWP	400.	COLD TRANS	22.52	158.87	559.4	2.16	10.08
					COLD STAB	6.24	100.04	610.5	1.54	11.27
IHC = 0290 PPM HEXANE					HOT TRANS	3.88	56.94	545.4	5.29	13.71
ICO (ACT) = 05.00 % CO					72 FTP	14.03	128.20	586.0	1.84	10.67
ICO (SPEC) = 00.50 % CO					75 FTP	8.95	100.39	582.2	2.09	11.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
353	74	DODG	DART	225.	COLD TRANS	3.27	32.89	425.9	5.61	18.19
					COLD STAB	2.61	21.71	400.3	4.76	20.05
IHC = 0200 PPM HEXANE					HOT TRANS	3.28	15.94	383.3	5.86	21.19
ICO (ACT) = 01.70 % CO					72 FTP	2.93	27.06	412.6	5.17	19.11
ICO (SPEC) = 00.50 % CO					75 FTP	2.93	22.44	401.0	5.23	19.92
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
354	74	FORD	ELIT	351.	COLD TRANS	4.96	68.65	652.0	3.67	11.44
					COLD STAB	2.74	26.95	680.8	1.97	12.13
IHC = 0350 PPM HEXANE					HOT TRANS	3.59	20.45	595.1	2.69	13.90
ICO (ACT) = 00.20 % CO					72 FTP	3.80	46.91	667.0	2.78	11.79
ICO (SPEC) = 00.40 % CO					75 FTP	3.43	33.76	651.5	2.52	12.41
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
355	74	FORD	STAW	400.	COLD TRANS	5.15	51.86	700.1	8.57	11.12
					COLD STAB	3.99	79.47	682.6	3.98	10.86
IHC = 0600 PPM HEXANE					HOT TRANS	2.91	45.02	557.2	5.81	13.93
ICO (ACT) = 10.00 % CO					72 FTP	4.54	66.26	691.0	6.18	10.96
ICO (SPEC) = 00.40 % CO					75 FTP	3.94	64.39	652.0	5.43	11.59
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
356	74	FORD	LTD	400.	COLD TRANS	3.06	27.47	690.4	2.48	11.94
					COLD STAB	2.39	32.88	680.0	1.95	12.01
IHC = 0625 PPM HEXANE					HOT TRANS	3.35	20.34	594.8	2.41	13.93
ICO (ACT) = 04.20 % CO					72 FTP	2.71	30.29	685.0	2.21	11.97
ICO (SPEC) = 00.40 % CO					75 FTP	2.79	28.35	658.9	2.19	12.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
357	74	MERC	MARQ	460.	COLD TRANS	4.42	116.74	703.2	4.74	9.85
					COLD STAB	5.91	158.77	707.3	2.11	9.10
IHC = 2000 PPM HEXANE					HOT TRANS	3.62	83.38	623.1	4.76	11.59
ICO (ACT) = 09.90 % CO					72 FTP	5.20	138.65	705.3	3.37	9.45
ICO (SPEC) = 00.25 % CO					75 FTP	4.98	129.55	683.5	3.37	9.83
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
358	74	OLDS	CUTL	350.	COLD TRANS	4.40	58.06	714.3	3.10	10.83
					COLD STAB	3.80	80.56	690.3	1.99	10.71
IHC = 0475 PPM HEXANE					HOT TRANS	3.21	44.14	645.5	3.04	12.24
ICO (ACT) = 10.00 % CO					72 FTP	4.09	69.79	701.8	2.52	10.77
ICO (SPEC) = 00.30 % CO					75 FTP	3.76	65.99	683.0	2.50	11.11
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
359	74	PLYM	SATE	318.	COLD TRANS	4.66	60.89	589.2	5.60	12.68
					COLD STAB	2.23	29.83	672.2	2.47	12.22
IHC = 0115 PPM HEXANE					HOT TRANS	2.35	15.49	482.6	5.11	17.25
ICO (ACT) = 00.85 % CO					72 FTP	3.39	44.69	632.5	3.97	12.44
ICO (SPEC) = 00.30 % CO					75 FTP	2.76	32.31	603.4	3.84	13.39
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
360	74	PONT	FIRE	350.	COLD TRANS	3.70	33.14	646.8	4.30	12.49
					COLD STAB	3.10	20.17	666.1	3.39	12.54
IHC = 0350 PPM HEXANE					HOT TRANS	2.92	14.01	579.9	7.18	14.52
ICO (ACT) = 00.28 % CO					72 FTP	3.39	26.38	656.9	3.83	12.52
ICO (SPEC) = 00.20 % CO					75 FTP	3.18	21.16	638.6	4.61	13.02
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
361	74	PONT	FIRE	350.	COLD TRANS	6.72	118.35	566.4	5.88	11.38
					COLD STAB	3.62	86.59	625.0	2.24	11.49
IHC = 0285 PPM HEXANE					HOT TRANS	2.56	46.01	587.7	3.28	13.28
ICO (ACT) = 05.90 % CO					72 FTP	6.06	101.79	597.0	3.98	11.44
ICO (SPEC) = 00.20 % CO					75 FTP	4.38	82.06	602.8	3.27	11.90
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
362	74	MERC	CAPR	122.	COLD TRANS	2.00	27.63	370.5	5.37	21.12
					COLD STAB	1.64	21.13	312.6	3.37	25.29
IHC = 0440 PPM HEXANE					HOT TRANS	1.40	11.33	325.2	5.45	25.54
ICO (ACT) = 10.00 % CO					72 FTP	1.81	24.24	340.3	4.33	23.11
ICO (SPEC) = 99.99 % CO					75 FTP	1.65	19.79	327.9	4.35	24.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
363	74	DATS	B210	97.	COLD TRANS	4.19	79.72	223.5	0.78	24.51
					COLD STAB	2.76	34.12	266.8	1.04	26.96
IHC = 0800 PPM HEXANE					HOT TRANS	3.16	9.52	248.4	1.91	32.46
ICO (ACT) = 01.25 % CO					72 FTP	3.44	55.95	246.1	0.91	25.73
ICO (SPEC) = 01.50 % CO					75 FTP	3.16	36.79	252.9	1.22	27.67
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
364	74	OPEL	MANT	116.	COLD TRANS	2.02	29.47	388.4	3.38	20.12
					COLD STAB	1.08	13.95	383.1	1.99	21.73
IHC = 0140 PPM HEXANE					HOT TRANS	1.28	11.66	362.8	3.37	23.04
ICO (ACT) = 00.75 % CO					72 FTP	1.53	21.38	385.6	2.66	20.93
ICO (SPEC) = 01.00 % CO					75 FTP	1.33	16.52	378.6	2.65	21.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
365	74	TOYO	CORO	120.	COLD TRANS	2.45	16.42	426.5	3.76	19.29
					COLD STAB	1.46	11.34	398.6	1.89	21.08
IHC = 0525 PPM HEXANE					HOT TRANS	1.11	4.39	407.7	2.45	21.23
ICO (ACT) = 00.85 % CO					72 FTP	1.93	13.77	412.0	2.78	20.18
ICO (SPEC) = 01.00 % CO					75 FTP	1.57	10.49	406.8	2.43	20.72
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
101	73	AMC	STAW	232.	COLD TRANS	1.64	18.41	495.5	2.48	16.76
					COLD STAB	1.52	6.29	540.4	1.92	14.67
IHC = 0210 PPM HEXANE					HOT TRANS	1.66	11.58	436.9	2.40	19.28
ICO (ACT) = 00.10 % CO					72 FTP	1.58	12.09	545.0	2.19	15.60
ICO (SPEC) = 01.00 % CO					75 FTP	1.58	10.22	529.0	2.17	16.14
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
102	73	BUIC	CNTR	455.	COLD TRANS	5.24	47.55	835.9	4.30	9.57
					COLD STAB	3.54	22.62	808.2	2.82	10.38
IHC = 1500 PPM HEXANE					HOT TRANS	4.03	15.48	717.8	4.43	11.76
ICO (ACT) = 00.20 % CO					72 FTP	4.35	34.55	821.4	3.53	9.98
ICO (SPEC) = 00.50 % CO					75 FTP	4.02	25.80	769.2	3.56	10.53
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
103	73	CADI	DEVI	472.	COLD TRANS	4.37	102.98	834.6	1.99	8.78
					COLD STAB	2.59	85.26	849.6	1.54	8.95
IHC = 0200 PPM HEXANE					HOT TRANS	2.92	78.54	724.2	2.13	10.36
ICO (ACT) = 00.50 % CO					72 FTP	3.44	93.74	842.4	1.75	8.87
ICO (SPEC) = 01.00 % CO					75 FTP	3.05	87.07	812.3	1.79	9.26
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
104	73	CHEV	VEGA	140.	COLD TRANS	3.68	39.25	402.6	3.81	18.65
					COLD STAB	2.24	38.29	338.6	2.84	21.87
IHC = 0300 PPM HEXANE					HOT TRANS	2.39	22.21	319.8	4.33	24.50
ICO (ACT) = 05.70 % CO					72 FTP	2.93	38.75	369.2	3.30	20.20
ICO (SPEC) = 01.20 % CO					75 FTP	2.58	34.10	346.6	3.45	21.73
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
105	73	CHEV	CHEL	350.	COLD TRANS	3.43	62.99	695.9	2.31	11.01
					COLD STAB	3.16	42.71	782.5	1.70	10.32
IHC = 0500 PPM HEXANE					HOT TRANS	2.67	35.51	620.1	2.52	12.97
ICO (ACT) = 06.00 % CO					72 FTP	3.29	52.42	741.0	1.99	10.64
ICO (SPEC) = 01.20 % CO					75 FTP	3.08	44.92	720.4	2.05	11.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
106	73	CHEV	NOVA	350.	COLD TRANS	2.98	51.67	426.5	1.39	17.15
					COLD STAB	2.29	64.69	455.2	0.57	15.52
IHC = 0250 PPM HEXANE					HOT TRANS	1.46	35.09	386.5	1.40	19.82
ICO (ACT) = 05.00 % CO					72 FTP	2.02	61.16	441.5	0.96	16.26
ICO (SPEC) = 99.99 % CO					75 FTP	2.34	56.58	430.6	0.96	16.84
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
107	73	CHEV	IMPA	350.	COLD TRANS	3.72	46.58	646.8	3.61	12.13
					COLD STAB	2.68	36.54	696.0	2.27	11.65
IHC = 0290 PPM HEXANE					HOT TRANS	2.47	27.20	619.4	3.83	13.25
ICO (ACT) = 00.85 % CO					72 FTP	3.18	41.35	672.4	2.91	11.87
ICO (SPEC) = 99.99 % CO					75 FTP	2.84	36.06	665.0	2.97	12.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
108	73	CHEV	IMPA	350.	COLD TRANS	4.48	43.99	659.7	3.14	11.95
					COLD STAB	3.11	33.60	666.1	1.36	11.85
IHC = 0450 PPM HEXANE					HOT TRANS	3.50	26.56	619.2	3.07	13.14
ICO (ACT) = 01.00 % CO					72 FTP	3.76	38.68	673.5	2.22	11.89
ICO (SPEC) = 01.20 % CO					75 FTP	3.49	34.47	662.4	2.20	12.20
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
109	73	CHEV	CAPR	400.	COLD TRANS	3.94	46.40	682.4	3.05	11.56
					COLD STAB	2.74	45.01	699.4	1.56	11.40
IHC = 1000 PPM HEXANE					HOT TRANS	2.79	30.84	612.2	3.11	13.26
ICO (ACT) = 02.00 % CO					72 FTP	3.31	45.68	691.3	2.27	11.47
ICO (SPEC) = 00.60 % CO					75 FTP	3.00	41.43	672.1	2.29	11.69
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
110	73	DODG	DART	225.	COLD TRANS	3.18	40.11	456.7	3.41	16.75
					COLD STAB	2.11	8.92	466.8	4.51	18.20
IHC = 0165 PPM HEXANE					HOT TRANS	2.40	20.75	411.8	3.65	19.64
ICO (ACT) = 00.10 % CO					72 FTP	2.62	23.85	462.0	3.98	17.48
ICO (SPEC) = 99.99 % CO					75 FTP	2.41	18.57	449.7	4.05	18.24
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
111	73	FORD	PINT	122.	COLD TRANS	3.41	47.33	399.8	4.75	18.30
					COLD STAB	2.66	46.08	353.4	3.09	20.41
IHC = 0750 PPM HEXANE					HOT TRANS	2.11	20.92	364.5	5.12	21.97
ICO (ACT) = 05.90 % CO					72 FTP	3.13	46.68	375.6	3.89	19.34
ICO (SPEC) = 01.50 % CO					75 FTP	2.78	39.47	366.0	3.99	20.32
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
112	73	FORD	TORI	351.	COLD TRANS	3.38	40.51	742.0	2.92	10.87
					COLD STAB	2.31	26.52	777.8	1.32	10.69
IHC = 2000 PPM HEXANE					HOT TRANS	2.06	17.37	626.7	3.09	13.44
ICO (ACT) = 02.60 % CO					72 FTP	2.82	34.26	760.7	2.09	10.78
ICO (SPEC) = 00.50 % CO					75 FTP	2.46	27.95	729.2	2.13	11.37
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
113	73	FORD	MAVE	302.	COLD TRANS	4.14	50.74	641.8	4.04	12.08
					COLD STAB	2.55	22.25	653.5	1.91	12.74
IHC = 2000 PPM HEXANE					HOT TRANS	3.10	17.43	578.0	3.92	14.43
ICO (ACT) = 00.55 % CO					72 FTP	3.31	35.88	647.9	2.93	12.42
ICO (SPEC) = 00.40 % CO					75 FTP	3.02	26.80	630.5	2.90	13.01
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
114	73	FORD	TORI	351.	COLD TRANS	7.19	117.33	604.4	3.34	10.94
					COLD STAB	2.83	23.99	707.9	2.13	11.76
IHC = 1400 PPM HEXANE					HOT TRANS	3.21	16.82	588.8	4.54	14.19
ICO (ACT) = 00.15 % CO					72 FTP	4.92	66.67	658.4	2.71	11.35
ICO (SPEC) = 00.50 % CO					75 FTP	3.83	41.25	654.1	3.04	12.14
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
115	73	FORD	STAW	400.	COLD TRANS	4.27	34.37	839.3	4.45	9.79
					COLD STAB	3.12	47.09	752.4	2.74	10.61
IHC = 950 PPM HEXANE					HOT TRANS	2.91	27.31	668.0	5.17	12.32
ICO (ACT) = 10.00 % CO					72 FTP	3.67	41.60	794.0	3.80	10.20
ICO (SPEC) = .50 % CO					75 FTP	3.30	39.08	747.3	3.86	10.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
116	73	MERC	STAW	400.	COLD TRANS	3.29	22.32	731.3	9.89	11.43
					COLD STAB	2.67	20.45	708.6	7.06	11.65
IHC = 0090 PPM HEXANE					HOT TRANS	2.63	13.40	638.7	10.62	13.29
ICO (ACT) = 00.50 % CO					72 FTP	2.97	21.34	719.5	8.42	11.64
ICO (SPEC) = 00.30 % CO					75 FTP	2.79	18.91	694.2	8.61	12.11
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
117	73	OLDS	TORO	455.	COLD TRANS	3.45	58.26	851.4	3.65	9.30
					COLD STAB	2.63	40.07	846.6	2.50	9.67
IHC = 0185 PPM HEXANE					HOT TRANS	1.91	17.22	795.4	3.46	10.71
ICO (ACT) = 01.25 % CO					72 FTP	3.02	48.78	848.9	3.05	9.49
ICO (SPEC) = 00.30 % CO					75 FTP	2.60	37.58	823.6	3.00	9.85
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
118	73	OLDS	CUTL	350.	COLD TRANS	3.35	29.57	686.4	2.75	11.94
					COLD STAB	2.46	23.82	680.4	2.60	12.23
IHC = 0410 PPM HEXANE					HOT TRANS	2.23	16.98	603.2	2.85	13.93
ICO (ACT) = 03.00 % CO					72 FTP	2.89	26.57	683.3	2.36	12.09
ICO (SPEC) = 99.99 % CO					75 FTP	2.58	23.14	660.6	2.39	12.59
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
119	73	PLYM	SATL	318.	COLD TRANS	3.92	61.01	643.1	3.37	11.81
					COLD STAB	3.24	67.97	624.8	2.14	11.96
IHC = 0450 PPM HEXANE					HOT TRANS	2.84	41.76	571.0	3.39	13.75
ICO (ACT) = 04.90 % CO					72 FTP	3.56	64.64	633.6	2.73	11.89
ICO (SPEC) = 99.99 % CO					75 FTP	3.27	59.38	613.9	2.73	12.37
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
120	73	PLYM	VALI	225.	COLD TRANS	0.37	98.41	417.4	2.17	15.48
					COLD STAB	3.78	121.97	426.1	1.26	14.09
IHC = 0475 PPM HEXANE					HOT TRANS	3.22	73.88	376.2	2.39	17.66
ICO (ACT) = 09.80 % CO					72 FTP	2.15	110.70	422.0	1.69	14.73
ICO (SPEC) = 00.50 % CO					75 FTP	2.93	104.00	410.7	1.75	15.21
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
121	73	PONT	CATA	400.	COLD TRANS	3.57	53.34	710.4	2.36	11.02
					COLD STAB	3.46	46.60	689.6	2.16	11.47
IHC = 0250 PPM HEXANE					HOT TRANS	3.87	29.93	586.6	5.60	13.74
ICO (ACT) = 04.10 % CO					72 FTP	3.52	49.82	699.6	2.25	11.25
ICO (SPEC) = 00.60 % CO					75 FTP	3.60	43.44	665.8	3.14	11.91
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
122	73	PONT	LEMA	350.	COLD TRANS	4.99	49.84	688.6	2.74	11.34
					COLD STAB	4.26	33.64	645.8	1.93	12.46
IHC = 0750 PPM HEXANE					HOT TRANS	3.71	25.90	607.5	3.08	13.45
ICO (ACT) = 10.00 % CO					72 FTP	4.61	41.39	666.3	2.32	11.90
ICO (SPEC) = 99.99 % CO					75 FTP	4.26	34.66	644.1	2.41	12.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
123	73	DATS	510	97.	COLD TRANS	2.69	27.16	312.8	3.65	24.38
					COLD STAB	3.17	30.59	336.6	1.98	22.48
IHC = 0225 PPM HEXANE					HOT TRANS	2.45	17.07	282.9	3.61	27.95
ICO (ACT) = 02.80 % CO					72 FTP	2.94	28.95	325.2	2.78	23.35
ICO (SPEC) = 01.50 % CO					75 FTP	2.88	26.19	317.1	2.77	24.16
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
124	73	OPEL	GT	116.	COLD TRANS	2.50	40.34	284.7	1.48	24.93
					COLD STAB	1.33	13.98	350.1	1.24	23.59
IHC = 0200 PPM HEXANE					HOT TRANS	1.41	12.38	275.6	1.76	29.63
ICO (ACT) = 00.25 % CO					72 FTP	1.89	26.60	318.8	1.35	24.21
ICO (SPEC) = 99.99 % CO					75 FTP	1.54	18.97	316.3	1.43	25.27
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
125	73	TOYO	CORO	97.	COLD TRANS	2.84	25.62	325.0	3.35	23.71
					COLD STAB	1.96	22.56	356.3	1.60	22.30
IHC = 0525 PPM HEXANE					HOT TRANS	2.03	17.73	300.7	3.19	26.50
ICO (ACT) = 10.00 % CO					72 FTP	2.38	24.03	341.3	2.44	22.96
ICO (SPEC) = 04.00 % CO					75 FTP	2.16	21.87	334.7	2.39	23.61
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
126	73	VOLK	412	103.	COLD TRANS	3.83	17.03	340.3	6.07	23.41
					COLD STAB	2.04	10.64	295.9	3.83	27.82
IHC = 0525 PPM HEXANE					HOT TRANS	2.43	15.50	298.3	5.40	26.87
ICO (ACT) = 01.10 % CO					72 FTP	2.89	13.70	317.1	4.90	25.52
ICO (SPEC) = 01.00 % CO					75 FTP	2.51	13.28	305.7	4.72	26.53
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
127	73	VOLK	SEDA	97.	COLD TRANS	3.90	52.68	285.1	3.27	23.34
					COLD STAB	4.44	84.37	294.1	1.55	20.14
IHC = 2000 PPM HEXANE					HOT TRANS	3.25	45.52	270.7	3.00	25.17
ICO (ACT) = 10.00 % CO					72 FTP	4.16	69.20	289.8	2.37	21.55
ICO (SPEC) = 99.99 % CO					75 FTP	4.01	67.25	285.6	2.30	21.96
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
366	73	BUIC	REGA	350.	COLD TRANS	3.65	45.40	710.3	2.61	11.19
					COLD STAB	2.02	21.69	717.2	1.60	11.71
IHC = 0310 PPM HEXANE					HOT TRANS	1.92	13.77	640.9	2.58	13.27
ICO (ACT) = 00.85 % CO					72 FTP	2.80	33.14	713.9	2.08	11.45
ICO (SPEC) = 99.99 % CO					75 FTP	2.33	24.51	694.9	2.08	11.98
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
367	73	BUIC	CNTY	350.	COLD TRANS	4.07	47.14	854.9	2.44	9.42
					COLD STAB	1.02	18.55	888.5	1.53	9.64
IHC = 0200 PPM HEXANE					HOT TRANS	1.44	16.37	761.5	2.22	11.21
ICO (ACT) = 00.70 % CO					72 FTP	2.48	32.24	872.4	1.97	9.53
ICO (SPEC) = 99.99 % CO					75 FTP	1.76	23.84	846.9	1.91	9.97
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
368	73	BUIC	STAW	455.	COLD TRANS	3.40	43.86	840.2	3.10	9.65
					COLD STAB	2.72	25.51	837.7	2.15	10.01
IHC = 0250 PPM HEXANE					HOT TRANS	2.73	20.79	738.7	3.26	11.38
ICO (ACT) = 00.70 % CO					72 FTP	3.04	34.29	838.9	2.60	9.64
ICO (SPEC) = 01.00 % CO					75 FTP	2.86	28.00	811.2	2.66	10.27
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
369	73	CHEV	VEGA	140.	COLD TRANS	3.35	78.13	340.5	2.15	18.73
					COLD STAB	3.11	92.34	285.3	1.17	20.16
IHC = 0750 PPM HEXANE					HOT TRANS	3.52	61.67	295.8	2.16	21.97
ICO (ACT) = 10.00 % CO					72 FTP	3.22	85.54	311.7	1.64	19.45
ICO (SPEC) = 01.20 % CO					75 FTP	3.27	81.05	299.5	1.64	20.30
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
370	73	CHEV	NOVA	250.	COLD TRANS	15.27	169.12	485.6	2.13	11.10
					COLD STAB	1.39	13.58	557.8	2.04	15.21
IHC = 0375 PPM HEXANE					HOT TRANS	2.03	19.82	489.9	3.19	16.82
ICO (ACT) = 01.00 % CO					72 FTP	8.03	86.03	523.2	2.08	12.92
ICO (SPEC) = 01.20 % CO					75 FTP	4.42	47.29	524.4	2.37	14.48
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
371	73	CHEV	ELCA	350.	COLD TRANS	4.75	30.86	612.9	3.37	13.12
					COLD STAB	4.05	31.36	605.3	1.41	13.30
IHC = 1900 PPM HEXANE					HOT TRANS	3.94	19.12	532.3	3.38	15.44
ICO (ACT) = 01.50 % CO					72 FTP	4.38	31.12	608.9	2.35	13.21
ICO (SPEC) = 01.20 % CO					75 FTP	4.17	27.92	586.9	2.35	13.78
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
372	73	CHEV	CAPR	400.	COLD TRANS	3.70	87.35	690.0	3.21	10.58
					COLD STAB	2.00	49.53	709.6	1.40	11.18
IHC = 0275 PPM HEXANE					HOT TRANS	2.08	31.51	640.1	3.89	12.75
ICO (ACT) = 02.40 % CO					72 FTP	2.82	67.63	700.4	2.53	10.88
ICO (SPEC) = 00.60 % CO					75 FTP	2.37	52.40	686.7	2.71	11.43
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
373	73	CHEV	STAW	454.	COLD TRANS	1.53	30.21	873.5	3.67	9.59
					COLD STAB	1.07	40.41	907.3	1.91	9.11
IHC = 0110 PPM HEXANE					HOT TRANS	1.75	29.45	751.6	3.23	11.05
ICO (ACT) = 01.70 % CO					72 FTP	1.29	35.53	891.1	2.75	9.33
ICO (SPEC) = 01.20 % CO					75 FTP	1.35	35.32	857.9	2.63	9.67
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
374	73	CHRY	NEWP	400.	COLD TRANS	4.63	51.85	705.2	3.67	11.07
					COLD STAB	2.53	12.42	757.7	2.24	11.30
IHC = 0600 PPM HEXANE					HOT TRANS	3.01	15.68	639.4	4.39	13.18
ICO (ACT) = 00.15 % CO					72 FTP	3.53	31.30	732.6	2.92	11.19
ICO (SPEC) = 00.50 % CO					75 FTP	3.09	21.43	714.6	3.12	11.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
375	73	DODG	CHAR	318.	COLD TRANS	4.33	73.96	592.9	3.21	12.28
					COLD STAB	3.73	87.66	584.2	2.05	12.09
IHC = 0425 PPM HEXANE					HOT TRANS	3.10	50.37	542.3	3.57	14.06
ICO (ACT) = 10.00 % CO					72 FTP	4.02	81.10	588.4	2.61	12.18
ICO (SPEC) = 00.80 % CO					75 FTP	3.68	74.67	574.6	2.70	12.61
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
376	73	DODG	POLA	360.	COLD TRANS	5.71	100.04	612.7	5.36	11.26
					COLD STAB	5.04	149.23	591.5	2.50	10.54
IHC = 0460 PPM HEXANE					HOT TRANS	4.07	83.77	546.7	6.07	12.84
ICO (ACT) = 09.50 % CO					72 FTP	5.36	125.68	601.7	3.87	10.87
ICO (SPEC) = 99.99 % CO					75 FTP	4.91	121.24	583.6	4.07	11.24
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
377	73	FORD	PINT	122.	COLD TRANS	4.41	59.30	352.8	4.40	19.29
					COLD STAB	3.17	44.63	367.8	3.52	19.81
IHC = 0510 PPM HEXANE					HOT TRANS	2.75	26.33	337.7	5.52	22.88
ICO (ACT) = 04.40 % CO					72 FTP	3.76	51.66	360.6	3.94	19.56
ICO (SPEC) = 01.50 % CO					75 FTP	3.31	42.66	356.5	4.25	20.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
378	73	FORD	TORI	351.	COLD TRANS	3.92	36.44	687.2	4.46	11.73
					COLD STAB	3.23	36.81	664.4	1.59	12.12
IHC = 0475 PPM HEXANE					HOT TRANS	3.35	24.55	589.2	4.11	13.90
ICO (ACT) = 00.60 % CO					72 FTP	3.56	36.63	675.3	2.96	11.93
ICO (SPEC) = 00.30 % CO					75 FTP	3.41	33.39	648.6	2.87	12.47
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
379	73	FORD	STAW	400.	COLD TRANS	3.75	46.74	654.0	5.81	12.01
					COLD STAB	3.18	65.23	612.9	4.69	12.23
IHC = 0420 PPM HEXANE					HOT TRANS	2.80	30.45	583.3	6.23	13.87
ICO (ACT) = 08.90 % CO					72 FTP	3.45	56.38	632.6	5.23	12.12
ICO (SPEC) = 00.50 % CO					75 FTP	3.19	51.94	613.3	5.34	12.59
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
380	73	FORD	THUN	460.	COLD TRANS	3.76	68.46	911.8	2.61	8.35
					COLD STAB	3.50	93.65	888.6	1.36	8.48
IHC = 2000 PPM HEXANE					HOT TRANS	3.44	63.02	789.8	2.23	9.86
ICO (ACT) = 04.10 % CO					72 FTP	3.62	91.16	899.7	1.96	8.42
ICO (SPEC) = 00.60 % CO					75 FTP	3.54	84.22	866.4	1.86	8.79
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
381	73	MERC	MONG	302.	COLD TRANS	3.47	44.20	650.1	3.09	12.15
					COLD STAB	2.37	13.37	723.8	2.32	11.80
IHC = 0090 PPM HEXANE					HOT TRANS	2.52	14.89	617.1	2.79	13.69
ICO (ACT) = 00.30 % CO					72 FTP	2.90	28.13	688.6	2.69	11.96
ICO (SPEC) = 00.40 % CO					75 FTP	2.64	20.13	679.6	2.61	12.33
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
382	73	OLDS	VIST	350.	COLD TRANS	2.32	36.56	792.4	4.07	10.35
					COLD STAB	1.72	19.39	763.1	2.56	11.11
IHC = 0210 PPM HEXANE					HOT TRANS	1.91	16.77	680.1	3.97	12.46
ICO (ACT) = 00.60 % CO					72 FTP	2.01	27.61	777.1	3.28	10.73
ICO (SPEC) = 00.30 % CO					75 FTP	1.90	22.21	746.5	3.25	11.27
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
383	73	OLDS	NNTY	455.	COLD TRANS	1.87	21.16	903.3	2.94	9.42
					COLD STAB	0.94	5.79	928.1	2.05	9.44
IHC = 0190 PPM HEXANE					HOT TRANS	1.30	5.66	795.7	2.69	10.97
ICO (ACT) = 00.10 % CO					72 FTP	1.38	13.15	916.2	2.48	9.43
ICO (SPEC) = 00.30 % CO					75 FTP	1.23	8.92	886.9	2.41	9.82
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
384	73	PLYM	SATE	318.	COLD TRANS	5.07	57.19	562.1	3.60	13.29
					COLD STAB	3.27	36.90	577.7	2.63	13.74
IHC = 0575 PPM HEXANE					HOT TRANS	3.64	30.93	519.0	4.30	15.32
ICO (ACT) = 02.80 % CO					72 FTP	4.13	46.61	570.2	3.09	13.52
ICO (SPEC) = 00.50 % CO					75 FTP	3.74	39.45	558.5	3.29	14.04
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
385	73	PONT	VENT	350.	COLD TRANS	4.49	76.26	743.5	2.94	10.11
					COLD STAB	3.45	79.72	699.1	2.18	10.63
IHC = 0450 PPM HEXANE					HOT TRANS	3.50	49.69	594.1	4.82	12.99
ICO (ACT) = 04.60 % CO					72 FTP	3.94	78.07	720.3	2.55	10.37
ICO (SPEC) = 00.60 % CO					75 FTP	3.68	70.82	679.6	3.06	11.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
386	73	PONT	GRNV	455.	COLD TRANS	3.65	54.45	779.2	4.19	10.13
					COLD STAB	3.74	49.39	730.6	2.52	10.82
IHC = 0600 PPM HEXANE					HOT TRANS	3.10	29.48	650.8	4.15	12.55
ICO (ACT) = 10.00 % CO					72 FTP	3.70	51.81	753.9	3.32	10.48
ICO (SPEC) = 00.80 % CO					75 FTP	3.55	45.00	718.8	3.31	11.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
387	73	FORD	CAPR	122.	COLD TRANS	3.48	47.97	346.3	2.62	20.51
					COLD STAB	2.33	36.98	384.1	1.34	19.74
IHC = 0500 PPM HEXANE					HOT TRANS	1.95	25.70	320.2	3.09	24.20
ICO (ACT) = 07.20 % CO					72 FTP	2.88	42.24	366.0	1.95	20.10
ICO (SPEC) = 99.99 % CO					75 FTP	2.46	36.16	358.9	2.08	20.95
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
388	73	MAZD	RX3	70.	COLD TRANS	10.24	40.52	557.4	0.84	13.58
					COLD STAB	2.53	23.35	650.1	0.47	12.77
IHC = 2000 PPM HEXANE					HOT TRANS	5.74	36.01	452.7	1.20	16.73
ICO (ACT) = 10.00 % CO					72 FTP	6.22	31.57	605.7	0.65	13.15
ICO (SPEC) = 03.00 % CO					75 FTP	5.00	30.88	577.1	0.75	13.83
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
076	72	AMC	GREM	258.	COLD TRANS	2.26	36.47	488.2	4.04	16.06
					COLD STAB	1.51	9.19	498.8	2.91	17.13
IHC = 0250 PPM HEXANE					HOT TRANS	1.65	8.03	436.3	4.14	19.58
ICO (ACT) = 00.20 % CO					72 FTP	1.87	22.25	493.7	3.45	16.60
ICO (SPEC) = 01.30 % CO					75 FTP	1.70	14.49	479.3	3.48	17.49
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
077	72	BUIC	RIVI	455.	COLD TRANS	1.75	36.05	999.6	4.98	8.36
					COLD STAB	1.08	36.66	1022.0	4.00	8.19
IHC = 0750 PPM HEXANE					HOT TRANS	1.36	19.93	880.5	4.60	9.69
ICO (ACT) = 03.60 % CO					72 FTP	1.40	36.36	1011.3	4.47	8.27
ICO (SPEC) = 00.80 % CO					75 FTP	1.30	31.98	978.8	4.27	8.59
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
078	72	CADI	FLEE	472.	COLD TRANS	7.50	37.19	785.5	1.85	10.23
					COLD STAB	1.54	23.06	873.7	2.32	9.70
IHC = 0550 PPM HEXANE					HOT TRANS	1.69	14.39	756.2	4.83	11.32
ICO (ACT) = 06.90 % CO					72 FTP	4.39	29.82	831.5	2.09	9.95
ICO (SPEC) = 01.00 % CO					75 FTP	2.80	23.60	823.5	2.91	10.21
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
079	72	CHEV	VEGA	140.	COLD TRANS	4.78	66.72	324.2	2.53	19.98
					COLD STAB	2.75	43.73	314.8	1.66	22.62
IHC = 0220 PPM HEXANE					HOT TRANS	2.48	32.84	253.1	2.47	28.40
ICO (ACT) = 03.20 % CO					72 FTP	3.72	54.74	319.3	2.07	21.28
ICO (SPEC) = 01.20 % CO					75 FTP	3.10	45.49	299.9	2.06	23.28
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
080	72	CHEV	MONT	350.	COLD TRANS	7.93	98.04	652.9	4.01	10.67
					COLD STAB	2.74	18.21	750.2	3.09	11.27
IHC = 0600 PPM HEXANE					HOT TRANS	2.98	23.73	625.8	4.45	13.20
ICO (ACT) = 01.30 % CO					72 FTP	5.22	56.42	703.6	3.53	10.97
ICO (SPEC) = 00.60 % CO					75 FTP	3.87	36.15	696.2	3.65	11.60
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
081	72	CHEV	MALI	350.	COLD TRANS	4.69	49.12	551.4	3.01	13.79
					COLD STAB	3.31	46.08	570.6	1.16	13.52
IHC = 0640 PPM HEXANE					HOT TRANS	3.40	36.44	498.5	2.47	15.66
ICO (ACT) = 01.60 % CO					72 FTP	3.97	48.58	561.4	2.04	13.65
ICO (SPEC) = 00.60 % CO					75 FTP	3.62	45.12	547.0	2.03	14.10
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
082	72	CHEV	NOVA	307.	COLD TRANS	2.45	15.34	659.6	2.91	12.84
					COLD STAB	1.56	4.71	665.9	1.85	13.08
IHC = 0350 PPM HEXANE					HOT TRANS	1.94	7.67	598.1	2.44	14.40
ICO (ACT) = 00.10 % CO					72 FTP	1.99	9.80	662.9	2.36	12.96
ICO (SPEC) = 01.20 % CO					75 FTP	1.85	7.71	646.1	2.23	13.36
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
083	72	CHEV	IMPA	350.	COLD TRANS	4.33	58.68	623.0	5.20	12.18
					COLD STAB	3.30	36.15	667.1	2.86	12.03
IHC = 0525 PPM HEXANE					HOT TRANS	2.96	29.51	600.5	5.58	13.52
ICO (ACT) = 04.00 % CO					72 FTP	3.80	47.98	646.0	3.98	12.10
ICO (SPEC) = 00.60 % CO					75 FTP	3.42	40.02	639.8	4.08	12.44
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
084	72	CHEV	CAPR	400.	COLD TRANS	3.61	33.73	701.8	5.89	11.58
					COLD STAB	2.08	16.18	755.8	2.89	11.27
IHC = 1200 PPM HEXANE					HOT TRANS	3.08	21.33	640.7	5.69	12.98
ICO (ACT) = 00.55 % CO					72 FTP	2.81	24.58	730.0	4.33	11.42
ICO (SPEC) = 00.60 % CO					75 FTP	2.67	21.20	713.3	4.33	11.75
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
085	72	DODG	CORO	318.	COLD TRANS	5.35	59.82	572.6	6.10	12.98
					COLD STAB	5.48	94.79	495.8	4.09	13.40
IHC = 700 PPM HEXANE					HOT TRANS	4.38	46.75	501.2	6.24	15.08
ICO (ACT) = 6.50 % CO					72 FTP	5.42	78.05	532.6	5.65	13.20
ICO (SPEC) = 99.99 % CO					75 FTP	5.15	74.44	513.1	5.09	13.73
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
086	72	FORD	PINT	122.	COLD TRANS	3.79	40.73	322.5	2.97	22.27
					COLD STAB	3.19	37.76	326.4	1.77	22.42
IHC = 0400 PPM HEXANE					HOT TRANS	2.60	27.26	299.5	2.91	25.32
ICO (ACT) = 10.00 % CO					72 FTP	3.48	39.18	324.5	2.34	22.35
ICO (SPEC) = 01.20 % CO					75 FTP	3.15	35.50	318.3	2.33	23.11
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
087	72	FORD	TORI	351.	COLD TRANS	3.27	44.52	703.8	6.62	11.32
					COLD STAB	1.68	6.53	759.3	4.46	11.45
IHC = 0150 PPM HEXANE					HOT TRANS	2.53	10.83	636.7	7.53	13.41
ICO (ACT) = 00.10 % CO					72 FTP	2.44	24.71	732.7	5.50	11.39
ICO (SPEC) = 00.50 % CO					75 FTP	2.24	15.52	714.4	5.74	11.90
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
088	72	FORD	MAVE	200.	COLD TRANS	3.11	39.28	418.7	6.21	18.10
					COLD STAB	4.21	74.93	393.0	3.61	16.94
IHC = 0350 PPM HEXANE					HOT TRANS	2.87	32.26	364.7	6.00	20.91
ICO (ACT) = 06.60 % CO					72 FTP	3.68	57.86	405.3	4.65	17.48
ICO (SPEC) = 01.20 % CO					75 FTP	3.62	55.95	390.5	4.79	18.12
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
089	72	FORD	CUST	351.	COLD TRANS	5.76	117.58	587.8	4.93	11.22
					COLD STAB	2.32	18.92	695.9	3.77	12.11
IHC = 0180 PPM HEXANE					HOT TRANS	2.91	15.35	565.5	6.09	14.82
ICO (ACT) = 00.10 % CO					72 FTP	3.96	66.15	644.2	4.32	11.67
ICO (SPEC) = 00.50 % CO					75 FTP	3.19	38.25	638.1	4.64	12.53
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
090	72	FORD	STAW	400.	COLD TRANS	3.75	38.51	704.9	7.52	11.42
					COLD STAB	2.89	23.56	705.6	4.20	11.61
IHC = 0400 PPM HEXANE					HOT TRANS	3.53	18.99	634.9	7.72	13.13
ICO (ACT) = 01.50 % CO					72 FTP	3.30	30.71	705.3	5.79	11.62
ICO (SPEC) = 00.30 % CO					75 FTP	3.24	25.39	686.2	5.84	12.05
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
091	72	MERC	MONR	400.	COLD TRANS	4.26	102.49	474.4	5.07	13.68
					COLD STAB	3.49	80.31	564.4	3.47	12.65
IHC = 0100 PPM HEXANE					HOT TRANS	3.41	43.51	477.5	6.74	15.94
ICO (ACT) = 02.90 % CO					72 FTP	3.86	90.93	521.3	4.23	13.12
ICO (SPEC) = 00.30 % CO					75 FTP	3.63	74.84	522.1	4.69	13.63
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
092	72	OLDS	CUTL	350.	COLD TRANS	4.71	58.57	659.7	5.83	11.58
					COLD STAB	3.50	41.80	656.7	2.92	12.07
IHC = 0280 PPM HEXANE					HOT TRANS	3.26	21.14	577.3	6.24	14.29
ICO (ACT) = 01.33 % CO					72 FTP	4.08	49.83	659.2	4.31	11.83
ICO (SPEC) = 00.30 % CO					75 FTP	3.66	39.62	636.7	4.42	12.49
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
093	72	PLYM	DUST	225.	COLD TRANS	5.75	103.49	385.2	3.78	15.68
					COLD STAB	4.36	61.58	376.9	2.38	17.10
IHC = 0500 PPM HEXANE					HOT TRANS	3.55	50.33	513.0	4.03	14.71
ICO (ACT) = 05.60 % CO					72 FTP	5.02	92.07	380.9	3.05	16.39
ICO (SPEC) = 00.50 % CO					75 FTP	4.42	77.56	415.7	3.12	16.09
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
094	72	PLYM	FRY3	360.	COLD TRANS	8.33	159.39	520.1	4.79	11.14
					COLD STAB	5.90	145.32	535.0	3.34	11.35
IHC = 0600 PPM HEXANE					HOT TRANS	4.99	88.73	501.9	6.02	13.51
ICO (ACT) = 08.90 % CO					72 FTP	7.07	152.05	527.9	4.03	11.25
ICO (SPEC) = 00.50 % CO					75 FTP	6.15	132.78	522.9	4.37	11.82
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
095	72	PONT	SAFA	400.	COLD TRANS	7.42	103.66	614.9	4.24	11.08
					COLD STAB	8.91	116.77	517.0	3.14	12.13
IHC = 1230 PPM HEXANE					HOT TRANS	5.63	61.30	545.8	4.86	13.45
ICO (ACT) = 08.90 % CO					72 FTP	8.20	111.53	563.8	3.67	11.60
ICO (SPEC) = 00.80 % CO					75 FTP	7.71	99.98	545.0	3.84	12.22
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
C96	72	PONT	LEMA	350.	COLD TRANS	5.88	76.74	609.0	3.21	11.86
					COLD STAB	3.89	100.65	634.2	1.90	10.46
IHC = 0510 PPM HEXANE					HOT TRANS	3.34	60.74	545.5	3.13	13.62
ICO (ACT) = 10.00 % CO					72 FTP	4.84	89.20	624.8	2.53	11.37
ICO (SPEC) = 00.80 % CO					75 FTP	4.15	84.84	607.4	2.51	11.77
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
097	72	DATS	510	97.	COLD TRANS	3.89	32.77	297.4	5.66	24.57
					COLD STAB	5.21	45.27	285.9	2.77	23.76
IHC = 1600 PPM HEXANE					HOT TRANS	3.56	31.31	269.6	4.90	26.86
ICO (ACT) = 01.55 % CO					72 FTP	4.58	39.29	291.4	4.16	24.14
ICO (SPEC) = 02.00 % CO					75 FTP	4.49	38.89	283.8	3.95	24.71
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
098	72	TOYO	CORO	120.	COLD TRANS	3.49	250.34	274.4	1.73	13.07
					COLD STAB	2.76	106.84	261.4	0.51	20.26
IHC = 0230 PPM HEXANE					HOT TRANS	2.64	92.64	233.2	1.32	22.92
ICO (ACT) = 03.70 % CO					72 FTP	3.11	175.53	267.6	1.09	16.04
ICO (SPEC) = 03.00 % CO					75 FTP	2.88	132.50	256.4	0.98	18.74
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
099	72	VOLK	SEDA	97.	COLD TRANS	4.47	45.45	327.9	2.90	21.47
					COLD STAB	4.28	44.41	347.4	1.50	20.60
IHC = 2000 PPM HEXANE					HOT TRANS	3.74	29.43	309.6	2.59	24.14
ICO (ACT) = 05.00 % CO					72 FTP	4.37	44.91	338.1	2.17	21.01
ICO (SPEC) = 99.99 % CO					75 FTP	4.17	40.54	333.1	2.08	21.65
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
100	72	VOLK	KOMB	103.	COLD TRANS	5.72	71.53	471.0	2.84	14.75
					COLD STAB	4.52	86.17	513.6	1.74	13.32
IHC = 0975 PPM HEXANE					HOT TRANS	3.76	56.48	427.4	2.79	16.81
ICO (ACT) = 07.00 % CO					72 FTP	5.10	80.20	493.2	2.27	13.97
ICO (SPEC) = 99.99 % CO					75 FTP	4.56	76.10	481.3	2.26	14.42
OTHER TESTS: 4,5					HFET	0.0	0.0	0.0	0.0	0.0
389	72	AMC	STAW	258.	COLD TRANS	5.15	63.25	434.1	6.17	16.14
					COLD STAB	3.42	84.68	397.6	2.87	16.39
IHC = 0360 PPM HEXANE					HOT TRANS	3.31	43.58	368.1	5.73	19.85
ICO (ACT) = 06.90 % CO					72 FTP	4.25	74.42	415.1	4.45	16.27
ICO (SPEC) = 01.50 % CO					75 FTP	3.75	69.05	397.1	4.33	17.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
390	72	BUIC	SKYL	350.	COLD TRANS	5.82	86.98	582.9	3.86	12.03
					COLD STAB	5.16	134.06	528.9	1.63	11.74
IHC = 0650 PPM HEXANE					HOT TRANS	3.74	67.12	497.2	3.97	14.44
ICO (ACT) = 08.00 % CO					72 FTP	5.48	111.53	554.7	2.70	11.88
ICO (SPEC) = 99.99 % CO					75 FTP	4.91	106.11	531.4	2.73	12.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
391	72	BUIC	LESA	350.	COLD TRANS	2.86	57.35	781.7	2.80	10.06
					COLD STAB	1.75	50.93	779.5	1.45	10.26
IHC = 0350 PPM HEXANE					HOT TRANS	1.68	26.30	693.0	2.49	12.00
ICO (ACT) = 05.00 % CO					72 FTP	2.28	54.00	780.6	2.09	10.17
ICO (SPEC) = 00.80 % CO					75 FTP	1.96	45.53	756.4	2.01	10.64
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
392	72	BUIC	ELEC	455.	COLD TRANS	6.13	191.17	746.0	3.68	8.33
					COLD STAB	2.05	16.53	782.0	4.69	10.66
IHC = 0290 PPM HEXANE					HOT TRANS	2.76	19.07	668.4	8.58	12.55
ICO (ACT) = 01.20 % CO					72 FTP	4.01	101.17	764.8	4.21	9.48
ICO (SPEC) = 00.80 % CO					75 FTP	3.09	54.21	743.6	5.54	10.56
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
393	72	CHEV	VEGA	140.	COLD TRANS	2.72	53.51	360.0	3.80	19.61
					COLD STAB	1.84	15.40	371.8	2.91	22.09
IHC = 0450 PPM HEXANE					HOT TRANS	1.71	13.07	338.9	3.92	24.32
ICO (ACT) = 00.60 % CO					72 FTP	2.26	33.64	366.1	3.34	20.83
ICO (SPEC) = 01.20 % CO					75 FTP	1.98	22.61	360.4	3.37	22.07
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
394	72	CHEV	NOVA	250.	COLD TRANS	3.10	17.79	516.7	3.42	16.01
					COLD STAB	1.93	7.75	466.6	1.74	17.58
IHC = 0900 PPM HEXANE					HOT TRANS	2.43	5.73	458.9	2.76	18.66
ICO (ACT) = 06.30 % CO					72 FTP	2.49	12.55	501.0	2.54	16.79
ICO (SPEC) = 99.99 % CO					75 FTP	2.31	9.26	485.2	2.36	17.50
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
395	72	CHEV	MALI	350.	COLD TRANS	2.99	35.78	651.2	3.11	12.38
					COLD STAB	2.28	24.10	631.4	1.77	13.12
IHC = 0650 PPM HEXANE					HOT TRANS	2.14	21.25	580.5	2.92	14.30
ICO (ACT) = 06.50 % CO					72 FTP	2.62	29.69	640.9	2.41	12.76
ICO (SPEC) = 99.99 % CO					75 FTP	2.39	25.73	621.6	2.36	13.26
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
396	72	CHEV	IMPA	350.	COLD TRANS	3.78	59.60	670.9	4.18	11.43
					COLD STAB	2.74	46.46	673.9	2.40	11.75
IHC = 0450 PPM HEXANE					HOT TRANS	2.60	34.71	608.0	3.91	13.23
ICO (ACT) = 09.80 % CO					72 FTP	3.24	52.75	672.4	3.25	11.59
ICO (SPEC) = 99.99 % CO					75 FTP	2.91	45.96	655.3	3.18	12.05
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
397	72	CHEV	CAPR	400.	COLD TRANS	4.06	51.68	759.5	7.45	10.40
					COLD STAB	2.38	20.81	766.4	3.44	11.00
IHC = 0475 PPM HEXANE					HOT TRANS	3.10	25.94	683.5	5.47	12.09
ICO (ACT) = 04.70 % CO					72 FTP	3.19	35.59	763.1	5.36	10.71
ICO (SPEC) = 00.60 % CO					75 FTP	2.92	28.56	742.3	4.82	11.14
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
398	72	CHRY	NEWP	400.	COLD TRANS	4.11	53.30	650.8	4.48	11.87
					COLD STAB	2.70	21.22	694.0	3.34	12.06
IHC = 2000 PPM HEXANE					HOT TRANS	3.23	26.09	606.5	5.36	13.43
ICO (ACT) = 00.20 % CO					72 FTP	3.37	36.56	673.3	3.89	11.97
ICO (SPEC) = 00.80 % CO					75 FTP	3.13	29.70	661.2	4.13	12.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
399	72	DODG	DART	225.	COLD TRANS	5.67	60.64	366.7	6.15	17.35
					COLD STAB	4.40	64.94	327.4	4.17	20.02
IHC = 1100 PPM HEXANE					HOT TRANS	3.33	32.44	339.7	7.30	22.12
ICO (ACT) = 10.00 % CO					72 FTP	5.01	72.45	346.2	5.12	18.65
ICO (SPEC) = 99.99 % CO					75 FTP	4.37	59.30	338.9	5.43	19.90
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
400	72	DODG	POLA	318.	COLD TRANS	7.12	102.63	565.0	5.13	11.85
					COLD STAB	4.11	64.75	545.9	4.19	13.43
IHC = 0475 PPM HEXANE					HOT TRANS	3.98	35.28	521.0	5.94	15.07
ICO (ACT) = 06.30 % CO					72 FTP	5.55	82.88	555.0	4.64	12.63
ICO (SPEC) = 00.50 % CO					75 FTP	4.69	64.51	543.0	4.86	13.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
401	72	FORD	PINT	122.	COLD TRANS	3.84	31.47	400.8	6.78	19.16
					COLD STAB	4.63	35.81	340.2	4.74	21.56
IHC = 2000 PPM HEXANE					HOT TRANS	3.32	23.56	343.5	7.13	22.70
ICO (ACT) = 10.00 % CO					72 FTP	4.36	33.97	369.2	5.71	20.34
ICO (SPEC) = 01.20 % CO					75 FTP	4.21	31.68	353.6	5.81	21.30
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
402	72	FORD	TORI	302.	COLD TRANS	5.85	111.87	591.7	2.86	11.29
					COLD STAB	2.07	41.54	741.6	2.33	10.91
IHC = 2000 PPM HEXANE					HOT TRANS	3.49	21.14	578.3	4.30	14.26
ICO (ACT) = 10.00 % CO					72 FTP	3.88	75.20	669.9	2.58	11.09
ICO (SPEC) = 00.19 % CO					75 FTP	3.24	50.45	666.2	2.48	11.74
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
403	72	FORD	CUST	351.	COLD TRANS	4.08	39.91	743.0	6.04	10.84
					COLD STAB	1.61	22.71	889.6	3.61	9.54
IHC = 0120 PPM HEXANE					HOT TRANS	2.15	21.90	927.0	4.60	9.17
ICO (ACT) = 00.35 % CO					72 FTP	2.74	30.44	819.4	4.77	10.12
ICO (SPEC) = 00.50 % CO					75 FTP	2.27	26.03	869.6	4.38	9.67
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
404	72	FORD	GALA	429.	COLD TRANS	0.48	116.89	672.3	5.53	10.35
					COLD STAB	1.73	5.84	712.9	3.73	12.20
IHC = 0230 PPM HEXANE					HOT TRANS	2.92	8.71	640.1	8.17	13.39
ICO (ACT) = 00.10 % CO					72 FTP	1.13	59.00	693.5	4.59	11.24
ICO (SPEC) = 00.30 % CO					75 FTP	1.80	29.48	664.7	5.31	12.05
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
405	72	LINC	CONT	460.	COLD TRANS	3.36	49.04	799.9	6.24	10.00
					COLD STAB	2.73	16.33	772.3	6.21	11.60
IHC = 0380 PPM HEXANE					HOT TRANS	2.75	14.69	689.0	9.90	12.31
ICO (ACT) = 00.90 % CO					72 FTP	3.03	31.99	785.5	6.23	10.50
ICO (SPEC) = 00.60 % CO					75 FTP	2.86	22.62	755.3	7.22	11.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
406	72	MERC	MONG	351.	COLD TRANS	12.07	24.86	580.0	5.59	13.50
					COLD STAB	14.92	13.09	656.0	3.28	12.26
IHC = 1800 PPM HEXANE					HOT TRANS	22.00	14.15	518.4	7.26	14.54
ICO (ACT) = 00.80 % CO					72 FTP	13.55	18.72	619.6	4.38	12.83
ICO (SPEC) = 00.30 % CO					75 FTP	16.26	15.80	602.8	4.84	13.07
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
407	72	OLDS	CUTL	350.	COLD TRANS	3.54	19.99	618.6	5.35	13.42
					COLD STAB	2.16	6.37	641.1	2.53	13.49
IHC = 1300 PPM HEXANE					HOT TRANS	2.74	7.89	549.3	5.03	15.56
ICO (ACT) = 00.10 % CO					72 FTP	2.82	12.89	630.3	3.88	13.46
ICO (SPEC) = 00.30 % CO					75 FTP	2.60	9.59	611.4	3.60	13.98
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
408	72	OLDS	DELT	350.	COLD TRANS	4.00	44.64	681.8	7.78	11.61
					COLD STAB	2.90	21.72	696.9	3.61	11.99
IHC = 0280 PPM HEXANE					HOT TRANS	3.23	15.37	610.1	7.46	13.77
ICO (ACT) = 00.35 % CO					72 FTP	3.43	32.69	689.6	5.61	11.80
ICO (SPEC) = 99.99 % CO					75 FTP	3.22	24.71	670.1	5.52	12.34
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
409	72	OLDS	DELT	455.	COLD TRANS	1.51	15.94	759.8	3.84	11.24
					COLD STAB	2.52	6.08	811.9	1.92	10.70
IHC = 0160 PPM HEXANE					HOT TRANS	1.45	6.06	649.1	3.71	13.36
ICO (ACT) = 00.10 % CO					72 FTP	2.03	10.80	786.9	2.84	10.95
ICO (SPEC) = 00.30 % CO					75 FTP	2.02	8.10	756.7	2.80	11.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
410	72	PLYM	SATE	318.	COLD TRANS	4.30	54.86	530.5	4.20	14.08
					COLD STAB	3.81	60.12	535.7	3.16	13.82
IHC = 0175 PPM HEXANE					HOT TRANS	3.11	29.68	486.0	4.92	16.36
ICO (ACT) = 03.90 % CO					72 FTP	4.04	57.60	533.2	3.66	13.94
ICO (SPEC) = 00.50 % CO					75 FTP	3.72	50.74	521.1	3.86	14.49
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
411	72	PONT	STAW	400.	COLD TRANS	4.82	63.93	671.7	4.95	11.27
					COLD STAB	3.30	31.29	718.7	2.94	11.40
IHC = 0220 PPM HEXANE					HOT TRANS	2.98	18.22	614.7	5.61	13.60
ICO (ACT) = 00.55 % CO					72 FTP	4.03	46.91	696.2	3.40	11.34
ICO (SPEC) = 00.80 % CO					75 FTP	3.53	34.44	680.7	4.08	11.90
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
412	72	MERC	CAPR	122.	COLD TRANS	2.28	10.32	373.1	2.77	22.38
					COLD STAB	1.65	3.59	391.4	1.43	22.06
IHC = 0075 PPM HEXANE					HOT TRANS	1.82	4.97	320.7	2.39	26.55
ICO (ACT) = 00.05 % CO					72 FTP	1.95	6.81	382.6	2.07	22.21
ICO (SPEC) = 99.99 % CO					75 FTP	1.83	5.35	368.4	1.96	23.20
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
413	72	OPEL	57	116.	COLD TRANS	3.82	63.45	348.5	2.47	19.28
					COLD STAB	1.78	30.73	382.0	1.85	20.36
IHC = 0460 PPM HEXANE					HOT TRANS	1.70	16.48	339.4	2.80	23.95
ICO (ACT) = 07.00 % CO					72 FTP	2.75	46.39	365.9	2.15	19.83
ICO (SPEC) = 01.50 % CO					75 FTP	2.17	33.57	363.5	2.24	20.96
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
128	71	BUIC	ELEC	455.	COLD TRANS	11.32	131.18	779.0	4.79	8.69
					COLD STAB	12.42	9.26	959.1	2.87	8.76
IHC = 2000 PPM HEXANE					HOT TRANS	7.51	11.71	746.5	4.91	11.25
ICO (ACT) = 00.15 % CO					72 FTP	11.69	67.63	872.9	3.79	6.73
ICO (SPEC) = 99.99 % CO					75 FTP	10.85	35.03	864.0	3.82	9.31
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
129	71	BUIC	SKYL	350.	COLD TRANS	7.36	117.36	477.9	2.43	12.94
					COLD STAB	7.50	121.27	716.3	1.82	9.54
IHC = 0600 PPM HEXANE					HOT TRANS	3.76	44.17	451.0	2.64	16.67
ICO (ACT) = 03.40 % CO					72 FTP	7.43	119.40	602.2	2.11	10.91
ICO (SPEC) = 99.99 % CO					75 FTP	6.45	99.43	594.9	2.17	11.50
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
130	71	CHEV	VEGA	140.	COLD TRANS	12.36	121.88	314.9	2.13	16.27
					COLD STAB	9.09	53.03	323.4	2.17	20.38
IHC = 2000 PPM HEXANE					HOT TRANS	8.55	46.46	309.6	2.99	22.00
ICO (ACT) = 05.90 % CO					72 FTP	10.66	85.99	319.3	2.15	18.18
ICO (SPEC) = 02.00 % CO					75 FTP	9.07	65.41	317.9	2.39	19.75
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
131	71	CHEV	MONT	350.	COLD TRANS	4.58	38.75	622.7	5.95	12.71
					COLD STAB	4.52	46.25	612.3	3.54	12.63
IHC = 0755 PPM HEXANE					HOT TRANS	3.76	26.13	547.6	6.44	14.78
ICO (ACT) = 10.00 % CO					72 FTP	4.55	43.70	617.3	4.69	12.67
ICO (SPEC) = 00.50 % CO					75 FTP	4.32	40.26	596.8	4.83	13.17
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
132	71	CHEV	NOVA	250.	COLD TRANS	4.43	69.73	455.2	3.78	15.33
					COLD STAB	1.51	22.06	478.4	1.43	17.14
IHC = 0500 PPM HEXANE					HOT TRANS	1.53	18.04	414.4	3.17	19.83
ICO (ACT) = 02.50 % CO					72 FTP	2.91	44.88	467.3	2.55	16.22
ICO (SPEC) = 01.10 % CO					75 FTP	2.12	30.78	456.2	2.39	17.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
133	71	CHEV	KING	350.	COLD TRANS	4.69	97.50	706.7	3.62	10.15
					COLD STAB	3.37	63.92	793.4	2.84	9.81
IHC = 0580 PPM HEXANE					HOT TRANS	2.91	42.57	686.0	4.09	11.65
ICO (ACT) = 04.80 % CO					72 FTP	4.00	79.99	751.9	3.22	9.97
ICO (SPEC) = 00.50 % CO					75 FTP	3.51	65.01	746.2	3.34	10.33
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
134	71	CHEV	IMPA	350.	COLD TRANS	4.54	61.43	702.5	5.62	10.91
					COLD STAB	4.21	54.42	741.7	3.87	10.56
IHC = 2000 PPM HEXANE					HOT TRANS	3.44	33.91	657.7	6.85	12.29
ICO (ACT) = 07.40 % CO					72 FTP	4.37	57.77	723.0	4.71	10.72
ICO (SPEC) = 00.60 % CO					75 FTP	4.07	50.27	710.8	5.04	11.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
135	71	CHRY	300	440.	COLD TRANS	6.77	150.62	604.2	2.44	10.29
					COLD STAB	4.14	86.04	623.5	1.97	11.50
IHC = 0380 PPM HEXANE					HOT TRANS	3.52	55.18	567.5	3.28	13.34
ICO (ACT) = 04.50 % CO					72 FTP	5.40	116.96	614.3	2.20	10.89
ICO (SPEC) = 00.80 % CO					75 FTP	4.51	90.91	604.3	2.42	11.66
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
136	71	DODG	CHAR	318.	COLD TRANS	10.61	41.80	545.4	6.01	13.77
					COLD STAB	12.95	8.78	579.9	5.10	13.98
IHC = 2000 PPM HEXANE					HOT TRANS	8.15	11.89	509.3	6.56	16.03
ICO (ACT) = 00.07 % CO					72 FTP	11.83	24.58	563.4	5.53	13.86
ICO (SPEC) = 99.99 % CO					75 FTP	11.16	16.42	553.5	5.68	14.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
137	71	DODG	DART	225.	COLD TRANS	5.95	103.31	372.1	3.10	16.04
					COLD STAB	3.29	72.97	362.9	1.94	18.19
IHC = 0500 PPM HEXANE					HOT TRANS	2.67	46.56	314.8	2.62	22.39
ICO (ACT) = 07.50 % CO					72 FTP	4.56	87.50	367.3	2.51	17.09
ICO (SPEC) = 99.99 % CO					75 FTP	3.67	72.01	351.7	2.38	18.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
138	71	FORD	PINT	122.	COLD TRANS	2.96	41.34	339.8	3.90	21.43
					COLD STAB	2.45	17.44	360.7	2.81	22.42
IHC = 0325 PPM HEXANE					HOT TRANS	1.97	9.50	317.9	4.46	26.17
ICO (ACT) = 00.70 % CO					72 FTP	2.69	28.88	350.7	3.33	21.93
ICO (SPEC) = 01.50 % CO					75 FTP	2.42	20.19	344.7	3.49	23.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
139	71	FORD	TORI	302.	COLD TRANS	4.24	43.44	517.3	4.25	14.62
					COLD STAB	2.99	35.90	488.2	2.04	16.02
IHC = 0275 PPM HEXANE					HOT TRANS	3.39	19.67	464.6	4.40	17.52
ICO (ACT) = 1.35 % CO					72 FTP	3.59	39.51	502.1	3.09	15.42
ICO (SPEC) = 00.40 % CO					75 FTP	3.36	33.08	487.7	3.13	16.13
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
140	71	FORD	MAVE	200.	COLD TRANS	2.89	22.99	454.8	6.50	17.75
					COLD STAB	2.63	13.97	427.6	4.47	19.37
IHC = 0450 PPM HEXANE					HOT TRANS	2.41	11.46	409.5	6.26	20.40
ICO (ACT) = 03.70 % CO					72 FTP	2.75	18.29	440.7	5.44	18.56
ICO (SPEC) = 01.30 % CO					75 FTP	2.62	15.14	428.4	5.38	19.27
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
141	71	FORD	LTD	351.	COLD TRANS	8.03	117.00	599.7	3.76	10.97
					COLD STAB	6.68	37.62	657.0	4.54	12.04
IHC = 1500 PPM HEXANE					HOT TRANS	5.39	19.65	590.3	6.85	13.41
ICO (ACT) = 10.00 % CO					72 FTP	7.32	75.62	629.6	4.17	11.50
ICO (SPEC) = 00.20 % CO					75 FTP	6.61	49.06	627.0	5.01	12.24
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
142	71	FORD	LTD	400.	COLD TRANS	5.03	79.87	626.7	5.68	11.55
					COLD STAB	3.50	81.53	623.7	3.98	11.63
IHC = 0460 PPM HEXANE					HOT TRANS	2.67	41.94	597.6	7.77	13.20
ICO (ACT) = 10.00 % CO					72 FTP	4.23	80.74	625.1	4.79	11.60
ICO (SPEC) = 00.80 % CO					75 FTP	3.64	70.39	617.2	5.36	12.00
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
143	71	MERC	COUG	351.	COLD TRANS	4.62	69.28	599.9	5.24	12.27
					COLD STAB	3.66	79.25	584.1	2.73	12.32
IHC = 0525 PPM HEXANE					HOT TRANS	3.61	41.41	520.7	5.89	14.65
ICO (ACT) = 08.40 % CO					72 FTP	4.12	74.48	591.7	3.93	12.30
ICO (SPEC) = 00.20 % CO					75 FTP	3.90	66.88	570.0	4.11	12.91
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
144	71	OLDS	TORO	455.	COLD TRANS	3.13	36.96	869.9	6.96	9.46
					COLD STAB	3.33	27.70	862.7	2.99	9.68
IHC = 0155 PPM HEXANE					HOT TRANS	2.08	16.00	754.5	7.20	11.29
ICO (ACT) = 00.32 % CO					72 FTP	3.26	32.13	866.1	4.89	9.57
ICO (SPEC) = 00.60 % CO					75 FTP	2.96	26.41	834.7	4.96	10.02
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
145	71	PLYM	VALI	318.	COLD TRANS	4.35	10.84	528.5	4.25	15.87
					COLD STAB	3.11	38.10	534.4	2.82	14.69
IHC = 0310 PPM HEXANE					HOT TRANS	2.84	23.84	496.9	4.51	16.33
ICO (ACT) = 02.40 % CO					72 FTP	3.70	25.05	531.6	3.50	15.23
ICO (SPEC) = 99.99 % CO					75 FTP	3.29	28.60	522.9	3.58	15.35
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
146	71	PONT	GRNV	455.	COLD TRANS	3.55	41.62	666.3	6.22	11.95
					COLD STAB	2.54	15.37	784.7	3.14	10.86
IHC = 0170 PPM HEXANE					HOT TRANS	2.50	10.81	669.1	6.92	12.79
ICO (ACT) = 01.15 % CO					72 FTP	3.02	27.94	728.0	4.61	11.36
ICO (SPEC) = 01.00 % CO					75 FTP	2.73	19.53	728.8	4.81	11.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
147	71	PONT	LEMA	350.	COLD TRANS	4.09	87.02	669.7	2.28	10.83
					COLD STAB	2.92	64.83	670.9	1.51	11.35
IHC = 0550 PPM HEXANE					HOT TRANS	1.98	30.92	634.2	2.48	12.86
ICO (ACT) = 10.00 % CO					72 FTP	3.48	75.45	670.3	1.88	11.10
ICO (SPEC) = 01.00 % CO					75 FTP	2.90	60.14	660.7	1.94	11.61
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
148	71	DATS	510	97.	COLD TRANS	3.51	17.62	361.3	7.74	22.16
					COLD STAB	3.25	32.69	351.5	4.89	21.48
IHC = 0300 PPM HEXANE					HOT TRANS	2.51	16.30	325.9	7.62	24.69
ICO (ACT) = 03.00 % CO					72 FTP	3.37	25.58	356.2	6.26	21.80
ICO (SPEC) = 02.00 % CO					75 FTP	3.10	25.16	346.5	6.22	22.42
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
149	71	TOYO	CORO	97.	COLD TRANS	3.97	54.47	296.1	1.79	22.40
					COLD STAB	3.17	48.95	324.3	1.00	21.58
IHC = 0625 PPM HEXANE					HOT TRANS	2.71	32.65	275.1	1.85	26.49
ICO (ACT) = 04.20 % CO					72 FTP	3.55	51.59	311.7	1.38	21.97
ICO (SPEC) = 03.00 % CO					75 FTP	3.21	45.64	305.5	1.40	22.91
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
150	71	VOLK	SEDA	97.	COLD TRANS	5.16	84.87	274.1	2.88	20.94
					COLD STAB	6.32	124.97	271.8	1.07	18.16
IHC = 1300 PPM HEXANE					HOT TRANS	4.13	73.76	243.9	2.45	23.60
ICO (ACT) = 10.00 % CO					72 FTP	5.77	105.78	272.9	1.94	19.40
ICO (SPEC) = 03.00 % CO					75 FTP	5.49	102.75	264.6	1.82	20.01
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
414	71	AMC	MATA	360.	COLD TRANS	4.50	76.67	570.7	4.79	12.58
					COLD STAB	2.77	27.90	615.4	2.77	13.29
IHC = 0375 PPM HEXANE					HOT TRANS	2.81	15.26	530.1	6.03	15.77
ICO (ACT) = 01.50 % CO					72 FTP	3.60	51.25	594.0	3.74	12.94
ICO (SPEC) = 01.30 % CO					75 FTP	3.14	34.49	582.9	4.08	13.72
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
415	71	BUIC	ELEC	455.	COLD TRANS	10.52	212.79	668.0	5.80	8.57
					COLD STAB	5.19	48.25	660.3	3.17	11.79
IHC = 1000 PPM HEXANE					HOT TRANS	4.03	24.63	630.9	7.08	13.01
ICO (ACT) = 10.00 % CO					72 FTP	7.74	127.01	664.0	4.43	9.99
ICO (SPEC) = 99.99 % CO					75 FTP	5.97	75.67	653.9	4.77	11.21
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
416	71	CADI	DEVI	472.	COLD TRANS	1.87	49.98	981.8	4.69	8.32
					COLD STAB	1.57	55.65	957.4	2.64	8.45
IHC = 0950 PPM HEXANE					HOT TRANS	1.01	26.04	867.1	4.28	9.74
ICO (ACT) = 07.00 % CO					72 FTP	1.72	52.93	969.1	3.62	8.39
ICO (SPEC) = 01.00 % CO					75 FTP	1.48	46.40	937.8	3.51	8.74
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
417	71	CHEV	CAMA	307.	COLD TRANS	4.67	13.73	562.4	4.71	14.82
					COLD STAB	3.43	5.66	578.7	2.83	14.83
IHC = 0600 PPM HEXANE					HOT TRANS	3.16	5.63	503.5	5.00	16.99
ICO (ACT) = 00.06 % CO					72 FTP	4.03	9.52	570.9	3.73	14.83
ICO (SPEC) = 00.60 % CO					75 FTP	3.61	7.31	554.8	3.81	15.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
418	71	CHEV	CAMA	350.	COLD TRANS	2.85	28.67	650.8	2.64	12.59
					COLD STAB	1.50	16.04	677.0	1.55	12.50
IHC = 0300 PPM HEXANE					HOT TRANS	1.47	14.65	601.5	2.54	14.11
ICO (ACT) = 00.75 % CO					72 FTP	2.15	23.13	664.5	2.07	12.54
ICO (SPEC) = 00.50 % CO					75 FTP	1.77	19.30	651.0	2.05	12.92
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
419	71	CHEV	CHEL	307.	COLD TRANS	3.44	20.90	581.2	6.50	14.20
					COLD STAB	2.71	14.50	563.7	3.45	14.43
IHC = 0525 PPM HEXANE					HOT TRANS	2.47	9.89	519.3	6.69	16.35
ICO (ACT) = 04.50 % CO					72 FTP	3.06	17.56	582.5	4.91	14.32
ICO (SPEC) = 00.60 % CO					75 FTP	2.79	14.56	565.7	4.96	14.86
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
420	71	CHEV	MONT	350.	COLD TRANS	3.22	44.55	717.0	3.75	11.13
					COLD STAB	1.84	11.75	686.1	2.30	12.49
IHC = 0370 PPM HEXANE					HOT TRANS	1.78	12.71	606.9	3.24	14.03
ICO (ACT) = 00.10 % CO					72 FTP	2.50	27.45	700.9	2.99	11.80
ICO (SPEC) = 00.50 % CO					75 FTP	2.11	18.76	670.9	2.85	12.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
421	71	CHEV	IMPA	400.	COLD TRANS	3.90	22.29	655.5	6.78	12.63
					COLD STAB	1.78	7.36	707.9	2.32	12.24
IHC = 0240 PPM HEXANE					HOT TRANS	2.19	15.02	581.0	4.36	14.51
ICO (ACT) = 00.10 % CO					72 FTP	2.79	14.50	662.8	4.45	12.42
ICO (SPEC) = 00.50 % CO					75 FTP	2.33	12.52	662.5	3.79	12.87
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
422	71	CHEV	KING	402.	COLD TRANS	6.52	151.23	611.1	3.47	10.21
					COLD STAB	4.34	77.23	654.2	3.21	11.24
IHC = 0570 PPM HEXANE					HOT TRANS	3.84	49.00	595.2	5.61	12.97
ICO (ACT) = 05.50 % CO					72 FTP	5.39	112.65	633.6	3.57	10.72
ICO (SPEC) = 01.00 % CO					75 FTP	4.65	84.76	629.2	4.02	11.42
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
423	71	DODG	POLA	383.	COLD TRANS	17.22	167.50	547.0	3.37	10.26
					COLD STAB	6.23	132.09	556.3	2.02	11.33
IHC = 0625 PPM HEXANE					HOT TRANS	4.73	62.64	533.2	4.11	13.73
ICO (ACT) = 10.00 % CO					72 FTP	11.49	149.04	551.9	2.67	10.79
ICO (SPEC) = 00.80 % CO					75 FTP	8.08	120.43	548.1	2.87	11.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
424	71	FORD	MUST	302.	COLD TRANS	4.35	60.34	610.4	3.40	12.34
					COLD STAB	2.69	29.85	644.0	1.85	12.69
IHC = 0285 PPM HEXANE					HOT TRANS	3.39	17.57	555.1	3.43	14.96
ICO (ACT) = 00.77 % CO					72 FTP	3.49	44.44	627.9	2.59	12.52
ICO (SPEC) = 00.40 % CO					75 FTP	3.22	32.78	612.8	2.60	13.16
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
425	71	FORD	TORI	351.	COLD TRANS	22.71	50.79	575.0	7.02	12.21
					COLD STAB	4.69	78.83	522.5	3.94	13.42
IHC = 0650 PPM HEXANE					HOT TRANS	5.15	34.53	499.4	7.53	15.57
ICO (ACT) = 06.00 % CO					72 FTP	13.32	65.41	547.6	5.42	12.81
ICO (SPEC) = 00.20 % CO					75 FTP	8.53	60.97	527.0	5.55	13.66
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
426	71	FORD	GALA	351.	COLD TRANS	3.90	60.74	585.4	6.11	12.80
					COLD STAB	2.62	44.16	625.6	3.97	12.62
IHC = 0380 PPM HEXANE					HOT TRANS	2.53	26.01	542.4	6.97	15.01
ICO (ACT) = 01.40 % CO					72 FTP	3.23	52.10	606.3	4.99	12.71
ICO (SPEC) = 00.60 % CO					75 FTP	2.86	42.62	594.6	5.23	13.23
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
427	71	FORD	LTD	351.	COLD TRANS	4.84	84.75	586.7	4.66	12.07
					COLD STAB	3.24	56.12	583.9	2.98	13.01
IHC = 0375 PPM HEXANE					HOT TRANS	3.30	33.59	512.7	5.25	15.41
ICO (ACT) = 03.10 % CO					72 FTP	4.01	69.83	585.2	3.78	12.54
ICO (SPEC) = 00.20 % CO					75 FTP	3.59	55.87	565.1	3.94	13.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
428	71	MERC	MONR	400.	COLD TRANS	6.51	83.24	669.8	5.62	10.81
					COLD STAB	2.64	43.15	692.4	3.55	11.55
IHC = 0925 PPM HEXANE					HOT TRANS	2.72	24.91	631.5	7.36	13.07
ICO (ACT) = 08.40 % CO					72 FTP	4.49	62.34	681.6	4.75	11.18
ICO (SPEC) = 00.80 % CO					75 FTP	3.46	46.42	671.1	5.23	11.75
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
429	71	OLDS	CUTL	350.	COLD TRANS	3.87	49.93	562.7	5.12	13.58
					COLD STAB	3.01	45.25	540.6	2.68	14.29
IHC = 0200 PPM HEXANE					HOT TRANS	2.65	25.20	501.3	2.60	16.16
ICO (ACT) = 02.30 % CO					72 FTP	3.43	47.49	551.1	3.85	13.94
ICO (SPEC) = 00.60 % CO					75 FTP	3.09	40.74	534.4	3.00	14.59
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
430	71	OLDS	CUTL	350.	COLD TRANS	4.45	68.65	565.1	7.20	12.92
					COLD STAB	3.51	44.64	567.6	4.39	13.66
IHC = 0500 PPM HEXANE					HOT TRANS	3.39	23.87	520.4	8.15	15.61
ICO (ACT) = 05.50 % CO					72 FTP	3.96	56.13	566.4	5.74	13.30
ICO (SPEC) = 00.60 % CO					75 FTP	3.67	43.91	554.2	6.00	13.98
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
431	71	PLYM	STAW	318.	COLD TRANS	7.49	111.60	481.4	3.84	13.04
					COLD STAB	3.79	78.74	515.2	3.00	13.63
IHC = 0270 PPM HEXANE					HOT TRANS	3.15	42.24	480.9	4.81	15.93
ICO (ACT) = 06.40 % CO					72 FTP	5.56	94.47	499.1	3.40	13.34
ICO (SPEC) = 00.80 % CO					75 FTP	4.38	75.54	498.9	3.67	14.05
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
432	71	PLYM	FURY	360.	COLD TRANS	5.10	94.75	595.3	7.38	11.67
					COLD STAB	3.61	75.63	545.0	4.77	13.14
IHC = 0190 PPM HEXANE					HOT TRANS	3.63	56.78	529.3	7.22	14.09
ICO (ACT) = 03.80 % CO					72 FTP	4.33	84.76	569.1	6.02	12.40
ICO (SPEC) = 01.00 % CO					75 FTP	3.92	74.42	551.0	5.97	13.04
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
433	71	PONT	CATA	350.	COLD TRANS	4.69	103.95	710.0	4.37	9.99
					COLD STAB	4.51	126.38	664.8	2.20	10.11
IHC = 0500 PPM HEXANE					HOT TRANS	3.68	61.16	608.4	5.33	12.39
ICO (ACT) = 07.80 % CO					72 FTP	4.60	115.05	686.4	3.24	10.05
ICO (SPEC) = 01.00 % CO					75 FTP	4.32	103.97	658.7	3.50	10.62
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
434	71	OPEL	1900	116.	COLD TRANS	2.96	44.17	338.9	3.42	21.25
					COLD STAB	1.68	11.15	378.1	2.12	22.14
IHC = 0320 PPM HEXANE					HOT TRANS	1.64	8.07	324.7	3.70	25.91
ICO (ACT) = 06.90 % CO					72 FTP	2.29	26.95	359.3	2.74	21.70
ICO (SPEC) = 99.99 % CO					75 FTP	1.93	17.11	355.4	2.82	22.85
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
435	71	VOLK	SEDA	97.	COLD TRANS	4.05	45.39	346.4	3.63	20.61
					COLD STAB	5.85	23.25	391.9	2.45	19.85
IHC = 2000 PPM HEXANE					HOT TRANS	4.07	29.90	341.1	3.59	22.13
ICO (ACT) = 10.00 % CO					72 FTP	4.99	33.65	370.1	3.02	20.21
ICO (SPEC) = 03.00 % CO					75 FTP	4.99	29.62	368.7	3.00	20.59
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
151	70	AMC	JAVE	232.	COLD TRANS	4.14	52.61	392.7	3.15	18.17
					COLD STAB	4.15	44.28	446.1	2.08	16.78
IHC = 0450 PPM HEXANE					HOT TRANS	3.10	24.61	392.7	4.01	20.11
ICO (ACT) = 05.80 % CO					72 FTP	4.14	48.27	420.6	2.59	17.42
ICO (SPEC) = 01.30 % CO					75 FTP	3.86	40.63	420.6	2.63	17.87
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
152	70	BUIC	LESA	455.	COLD TRANS	7.14	146.21	595.8	2.61	10.46
					COLD STAB	4.69	99.99	576.9	2.26	11.65
IHC = 0690 PPM HEXANE					HOT TRANS	3.28	49.78	565.6	3.44	13.57
ICO (ACT) = 10.00 % CO					72 FTP	5.86	122.12	585.9	2.43	11.14
ICO (SPEC) = 99.99 % CO					75 FTP	4.81	95.81	577.7	2.66	11.94
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
153	70	CHEV	CAMA	250.	COLD TRANS	3.64	69.69	456.5	2.36	15.37
					COLD STAB	1.33	36.89	580.4	1.70	13.81
IHC = 0095 PPM HEXANE					HOT TRANS	3.87	48.56	422.8	2.41	17.35
ICO (ACT) = 02.36 % CO					72 FTP	2.43	52.59	521.1	2.01	14.52
ICO (SPEC) = 01.30 % CO					75 FTP	2.50	46.82	511.9	2.03	14.96
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
154	70	CHEV	CHEL	307.	COLD TRANS	9.52	74.62	483.2	5.05	14.07
					COLD STAB	12.06	101.73	433.7	2.63	14.05
IHC = 2000 PPM HEXANE					HOT TRANS	8.46	63.00	425.7	5.41	16.09
ICO (ACT) = 10.00 % CO					72 FTP	10.84	88.76	457.4	3.79	14.06
ICO (SPEC) = 99.99 % CO					75 FTP	10.55	85.58	441.7	3.89	14.56
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
155	70	CHEV	MALI	350.	COLD TRANS	9.30	153.96	400.0	1.94	13.22
					COLD STAB	7.29	102.92	404.1	2.72	15.07
IHC = 2000 PPM HEXANE					HOT TRANS	5.43	60.30	390.8	4.40	17.65
ICO (ACT) = 09.90 % CO					72 FTP	8.26	127.35	402.2	2.35	14.12
ICO (SPEC) = 01.30 % CO					75 FTP	7.20	101.80	399.6	3.02	15.24
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
156	70	CHEV	IMPA	350.	COLD TRANS	6.19	139.44	568.2	2.02	11.00
					COLD STAB	4.62	85.67	639.2	1.61	11.26
IHC = 0630 PPM HEXANE					HOT TRANS	4.73	67.27	543.0	2.59	13.37
ICO (ACT) = 06.90 % CO					72 FTP	5.37	111.40	605.2	1.81	11.13
ICO (SPEC) = 99.99 % CO					75 FTP	4.97	91.71	598.4	1.96	11.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
157	70	CHEV	MONT	350.	COLD TRANS	6.31	151.75	511.4	1.90	11.53
					COLD STAB	3.63	91.93	574.0	1.32	12.16
IHC = 0360 PPM HEXANE					HOT TRANS	2.99	54.92	524.4	2.35	14.31
ICO (ACT) = 06.20 % CO					72 FTP	4.92	120.56	544.0	1.60	11.85
ICO (SPEC) = 01.30 % CO					75 FTP	4.01	94.14	547.6	1.72	12.53
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
158	70	DODG	DART	225.	COLD TRANS	6.39	123.53	342.5	2.66	15.94
					COLD STAB	5.66	116.38	329.2	1.91	16.80
IHC = 0450 PPM HEXANE					HOT TRANS	3.79	62.35	328.6	3.28	20.24
ICO (ACT) = 08.70 % CO					72 FTP	5.69	119.80	335.6	2.27	16.38
ICO (SPEC) = 01.30 % CO					75 FTP	4.99	103.11	331.8	2.44	17.42
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
159	70	DODG	CHAR	318.	COLD TRANS	4.14	73.93	492.6	4.58	14.27
					COLD STAB	3.61	77.06	469.2	3.87	14.75
IHC = 0550 PPM HEXANE					HOT TRANS	3.27	40.78	443.5	5.60	17.13
ICO (ACT) = 07.50 % CO					72 FTP	3.87	75.56	480.4	4.21	14.52
ICO (SPEC) = 99.99 % CO					75 FTP	3.63	66.52	467.0	4.49	15.22
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
160	70	FORD	MUST	302.	COLD TRANS	11.05	87.19	466.9	3.88	13.89
					COLD STAB	12.58	125.97	391.3	1.95	14.11
IHC = 2000 PPM HEXANE					HOT TRANS	8.60	62.16	425.0	4.15	16.19
ICO (ACT) = 10.00 % CO					72 FTP	11.84	107.41	427.5	2.87	14.00
ICO (SPEC) = 00.80 % CO					75 FTP	11.01	100.58	416.1	2.95	14.57
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
161	70	FORD	TORI	302.	COLD TRANS	7.22	106.69	612.4	5.61	11.05
					COLD STAB	5.66	92.20	573.9	2.85	12.08
IHC = 0610 PPM HEXANE					HOT TRANS	5.09	57.01	545.5	6.04	13.63
ICO (ACT) = 07.00 % CO					72 FTP	6.10	99.13	592.3	4.17	11.57
ICO (SPEC) = 00.80 % CO					75 FTP	5.52	85.58	574.1	4.29	12.22
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
162	70	FORD	GALA	351.	COLD TRANS	11.21	175.91	569.8	1.93	10.06
					COLD STAB	5.68	110.48	576.5	1.58	11.54
IHC = 0775 PPM HEXANE					HOT TRANS	4.84	64.16	554.9	2.54	13.22
ICO (ACT) = 06.00 % CO					72 FTP	8.43	141.60	573.3	1.75	10.79
ICO (SPEC) = 02.00 % CO					75 FTP	6.69	111.31	569.3	1.91	11.60
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
163	70	FORD	LTD	351.	COLD TRANS	5.01	59.77	598.2	3.89	12.54
					COLD STAB	2.78	22.81	636.7	3.27	13.03
IHC = 0350 PPM HEXANE					HOT TRANS	3.17	16.90	546.5	5.16	15.22
ICO (ACT) = 06.00 % CO					72 FTP	3.85	40.50	618.3	3.57	12.79
ICO (SPEC) = 02.00 % CO					75 FTP	3.35	26.81	604.2	3.91	13.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXL	FUEL ECONOMY
164	70	MERC	MONT	390.	COLD TRANS	7.03	80.58	638.2	4.39	11.28
					COLD STAB	6.47	116.09	576.8	2.99	11.38
IHC = 0850 PPM HEXANE					HOT TRANS	6.65	65.72	565.5	4.47	12.87
ICO (ACT) = 10.00 % CO					72 FTP	6.74	99.09	606.2	3.66	11.33
ICO (SPEC) = 01.00 % CO					75 FTP	6.64	95.04	586.4	3.68	11.73
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
165	70	OLDS	DELT	455.	COLD TRANS	3.93	72.56	622.3	6.94	11.85
					COLD STAB	3.22	2.08	626.4	3.47	12.09
IHC = 0295 PPM HEXANE					HOT TRANS	3.13	38.04	564.4	7.63	14.00
ICO (ACT) = 05.10 % CO					72 FTP	3.56	67.11	624.4	5.13	11.97
ICO (SPEC) = 00.80 % CO					75 FTP	3.34	57.68	608.7	5.32	12.50
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
166	70	PLYM	STAN	383.	COLD TRANS	4.95	67.76	628.5	7.49	11.82
					COLD STAB	4.76	89.58	654.7	4.83	10.95
IHC = 0450 PPM HEXANE					HOT TRANS	4.26	45.56	596.6	9.09	13.02
ICO (ACT) = 04.80 % CO					72 FTP	4.65	79.14	642.1	6.10	11.35
ICO (SPEC) = 00.80 % CO					75 FTP	4.66	73.08	633.4	6.54	11.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
167	70	PONT	LEMA	350.	COLD TRANS	7.04	124.94	625.5	4.61	10.51
					COLD STAB	5.79	133.74	548.6	1.95	11.42
IHC = 0650 PPM HEXANE					HOT TRANS	4.59	80.86	516.1	3.45	13.49
ICO (ACT) = 07.00 % CO					72 FTP	6.39	129.53	585.4	3.23	10.97
ICO (SPEC) = 01.00 % CO					75 FTP	5.72	117.50	555.6	2.91	11.70
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
168	70	VOLK	SEDA	97.	COLD TRANS	3.64	50.54	275.3	3.10	24.23
					COLD STAB	2.69	41.91	292.5	2.10	24.15
IHC = 0660 PPM HEXANE					HOT TRANS	2.68	32.88	260.5	3.00	27.68
ICO (ACT) = 06.40 % CO					72 FTP	3.25	46.04	284.3	2.58	24.19
ICO (SPEC) = 03.00 % CO					75 FTP	2.99	41.22	280.2	2.55	25.04
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
169	70	VOLK	SEDA	97.	COLD TRANS	3.01	44.40	321.0	3.29	22.17
					COLD STAB	2.28	42.49	361.2	2.04	20.39
IHC = 0300 PPM HEXANE					HOT TRANS	2.08	27.30	317.0	3.23	24.22
ICO (ACT) = 06.00 % CO					72 FTP	2.63	43.40	342.0	2.64	21.21
ICO (SPEC) = 03.00 % CO					75 FTP	2.37	38.74	340.9	2.62	21.69
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
436	70	BUIC	SKYL	350.	COLD TRANS	25.39	186.96	522.8	2.45	9.66
					COLD STAB	6.96	131.49	492.2	1.40	12.31
IHC = 0950 PPM HEXANE					HOT TRANS	5.61	75.14	483.8	3.10	14.32
ICO (ACT) = 08.50 % CO					72 FTP	15.78	159.00	506.8	1.91	11.00
ICO (SPEC) = 01.00 % CO					75 FTP	10.38	127.95	496.2	2.08	12.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
437	70	BUIC	LESA	350.	COLD TRANS	5.74	116.42	531.1	4.71	12.12
					COLD STAB	3.90	59.18	542.1	3.93	13.70
IHC = 1025 PPM HEXANE					HOT TRANS	3.21	35.07	495.4	5.60	15.82
ICO (ACT) = 03.40 % CO					72 FTP	4.81	86.58	536.8	4.30	12.90
ICO (SPEC) = 01.00 % CO					75 FTP	4.12	64.38	527.2	4.54	13.84
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
43E	70	CADI	DEVI	472.	COLD TRANS	4.96	40.45	852.4	4.60	9.53
					COLD STAB	2.96	56.24	772.2	2.58	10.20
IHC = 0400 PPM HEXANE					HOT TRANS	1.90	27.70	696.1	4.09	11.90
ICO (ACT) = 03.00 % CO					72 FTP	3.91	48.68	810.6	3.55	9.87
ICO (SPEC) = 01.30 % CO					75 FTP	3.06	45.21	768.0	3.41	10.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
43O	70	CHEV	NOVA	307.	COLD TRANS	6.74	89.23	497.5	5.12	13.47
					COLD STAB	5.35	74.13	485.5	2.57	14.34
IHC = 0950 PPM HEXANE					HOT TRANS	4.25	41.22	453.2	5.53	16.70
ICO (ACT) = 08.30 % CO					72 FTP	6.02	81.35	491.3	3.79	13.91
ICO (SPEC) = 01.30 % CO					75 FTP	5.34	68.26	479.2	3.90	14.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
440	70	CHEV	CHEL	350.	COLD TRANS	8.91	152.20	538.4	4.34	11.01
					COLD STAB	6.20	111.71	524.1	2.70	12.34
IHC = 0675 PPM HEXANE					HOT TRANS	5.12	62.44	497.4	6.14	14.51
ICO (ACT) = 07.50 % CO					72 FTP	7.50	131.09	530.9	3.48	11.67
ICO (SPEC) = 01.50 % CO					75 FTP	6.47	106.60	519.8	3.98	12.54
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
441	70	CHEV	IMPA	350.	COLD TRANS	4.26	54.06	658.4	2.75	11.73
					COLD STAB	2.26	33.91	666.9	1.87	11.84
IHC = 1200 PPM HEXANE					HOT TRANS	2.14	22.53	600.8	2.68	13.80
ICO (ACT) = 01.00 % CO					72 FTP	3.22	43.55	674.3	2.29	11.79
ICO (SPEC) = 01.30 % CO					75 FTP	2.64	34.95	658.6	2.27	12.30
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
442	70	CHEV	NOVA	350.	COLD TRANS	7.47	44.58	490.4	4.64	15.19
					COLD STAB	9.49	86.73	492.1	3.25	13.48
IHC = 0560 PPM HEXANE					HOT TRANS	6.54	41.36	450.3	5.01	16.56
ICO (ACT) = 05.92 % CO					72 FTP	8.52	66.55	491.3	3.91	14.45
ICO (SPEC) = 01.30 % CO					75 FTP	6.27	65.67	480.3	4.02	14.56
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
443	70	CHRY	STAW	383.	COLD TRANS	4.11	44.40	715.8	4.70	11.11
					COLD STAB	2.75	17.06	705.6	3.56	11.98
IHC = 1000 PPM HEXANE					HOT TRANS	3.21	16.12	636.3	5.65	13.21
ICO (ACT) = 00.25 % CO					72 FTP	3.40	30.14	710.5	4.11	11.55
ICO (SPEC) = 00.80 % CO					75 FTP	3.16	22.43	688.8	4.36	12.09
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
444	70	FORD	MAVE	200.	COLD TRANS	2.51	18.44	389.2	7.73	20.83
					COLD STAB	1.83	11.68	362.4	5.07	22.96
IHC = 0700 PPM HEXANE					HOT TRANS	1.91	7.79	340.2	7.62	24.76
ICO (ACT) = 01.80 % CO					72 FTP	2.15	14.92	375.2	6.34	21.89
ICO (SPEC) = 00.80 % CO					75 FTP	1.99	12.01	361.9	6.37	22.93
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
445	70	FORD	TORI	302.	COLD TRANS	5.63	121.71	531.4	3.56	11.99
					COLD STAB	2.37	24.11	668.4	2.05	12.43
IHC = 2000 PPM HEXANE					HOT TRANS	3.76	18.79	510.5	5.22	16.08
ICO (ACT) = 00.05 % CO					72 FTP	3.93	70.83	602.8	2.77	12.21
ICO (SPEC) = 00.80 % CO					75 FTP	3.42	42.75	597.1	3.23	13.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
446	70	FORD	LTD	390.	COLD TRANS	24.48	48.01	556.9	5.94	12.50
					COLD STAB	5.10	40.04	558.3	3.10	13.92
IHC = 2000 PPM HEXANE					HOT TRANS	5.23	24.28	505.1	5.99	15.85
ICO (ACT) = 01.00 % CO					72 FTP	14.37	43.86	557.7	4.46	13.20
ICO (SPEC) = 99.99 % CO					75 FTP	9.12	37.38	543.5	4.47	14.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
447	70	FORD	MUST	302.	COLD TRANS	3.71	35.85	468.9	3.55	16.53
					COLD STAB	3.27	47.42	460.9	1.67	15.69
IHC = 0230 PPM HEXANE					HOT TRANS	3.12	22.65	410.8	3.34	19.45
ICO (ACT) = 02.60 % CO					72 FTP	3.48	41.68	475.2	2.67	16.06
ICO (SPEC) = 00.80 % CO					75 FTP	3.32	38.28	459.3	2.62	16.75
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
448	70	MERC	COUG	351.	COLD TRANS	5.41	72.95	565.5	5.74	12.73
					COLD STAB	3.83	41.63	558.2	3.82	13.96
IHC = 0550 PPM HEXANE					HOT TRANS	5.61	32.26	517.3	6.76	15.14
ICO (ACT) = 02.50 % CO					72 FTP	4.59	56.62	561.7	4.74	13.34
ICO (SPEC) = 02.00 % CO					75 FTP	4.69	45.52	548.5	5.02	13.98
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
449	70	OLDS	DELT	350.	COLD TRANS	5.44	117.51	614.1	2.47	10.86
					COLD STAB	5.50	117.09	570.1	2.09	11.50
IHC = 0700 PPM HEXANE					HOT TRANS	5.09	105.96	568.9	2.52	11.81
ICO (ACT) = 10.00 % CO					72 FTP	5.71	117.29	591.2	2.27	11.16
ICO (SPEC) = 00.80 % CO					75 FTP	5.48	114.14	578.8	2.28	11.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
450	70	OLDS	DELT	455.	COLD TRANS	3.79	67.10	729.9	3.19	10.47
					COLD STAB	3.71	80.15	711.0	1.97	10.46
IHC = 0450 PPM HEXANE					HOT TRANS	2.91	46.40	636.1	3.24	12.30
ICO (ACT) = 05.00 % CO					72 FTP	3.75	73.90	720.1	2.56	10.46
ICO (SPEC) = 00.80 % CO					75 FTP	3.51	66.80	694.5	2.57	10.91
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
451	70	PLYM	SATE	318.	COLD TRANS	4.58	61.74	467.2	5.06	15.34
					COLD STAB	4.13	69.03	493.9	3.80	14.42
IHC = 0310 PPM HEXANE					HOT TRANS	3.37	33.26	446.5	6.05	17.42
ICO (ACT) = 04.70 % CO					72 FTP	4.35	65.54	481.1	4.40	14.84
ICO (SPEC) = 00.80 % CO					75 FTP	4.02	57.77	475.5	4.67	15.33
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
452	70	PLYM	SATE	318.	COLD TRANS	4.47	51.12	485.7	4.49	15.30
					COLD STAB	4.87	75.47	460.0	2.77	14.94
IHC = 1400 PPM HEXANE					HOT TRANS	3.73	41.77	446.2	5.21	16.95
ICO (ACT) = 10.00 % CO					72 FTP	4.68	63.81	472.3	3.59	15.11
ICO (SPEC) = 00.80 % CO					75 FTP	4.46	61.26	461.5	3.79	15.52
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
453	70	PONT	GRNP	400.	COLD TRANS	3.79	33.18	716.5	5.63	11.37
					COLD STAB	3.40	10.66	689.4	3.00	12.38
IHC = 0255 PPM HEXANE					HOT TRANS	2.77	6.76	591.5	5.29	14.53
ICO (ACT) = 00.10 % CO					72 FTP	3.59	21.44	702.4	4.26	11.87
ICO (SPEC) = 99.99 % CO					75 FTP	3.31	14.23	668.3	4.17	12.66
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
454	70	PONT	BONV	455.	COLD TRANS	5.89	65.90	704.8	4.26	10.73
					COLD STAB	4.08	4.02	701.2	2.79	12.32
IHC = 0700 PPM HEXANE					HOT TRANS	3.39	8.38	624.0	5.22	13.70
ICO (ACT) = 00.01 % CO					72 FTP	4.94	33.64	702.9	3.50	11.51
ICO (SPEC) = 01.00 % CO					75 FTP	4.26	17.94	680.8	3.76	12.26
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
455	70	DATS	510	97.	COLD TRANS	2.51	9.52	291.6	5.81	28.22
					COLD STAB	2.07	13.17	294.8	3.74	27.56
IHC = 0092 PPM HEXANE					HOT TRANS	1.86	8.06	257.2	5.95	32.18
ICO (ACT) = 01.15 % CO					72 FTP	2.28	11.42	293.3	4.73	27.67
ICO (SPEC) = 02.00 % CO					75 FTP	2.11	11.03	283.9	4.77	28.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
456	70	TOYO	CORO	71.	COLD TRANS	2.62	21.54	323.0	2.29	24.31
					COLD STAB	1.81	17.03	334.6	2.08	24.18
IHC = 0750 PPM HEXANE					HOT TRANS	2.33	15.21	275.0	2.31	28.96
ICO (ACT) = 02.30 % CO					72 FTP	2.19	19.19	329.0	2.18	24.24
ICO (SPEC) = 99.99 % CO					75 FTP	2.12	17.46	315.9	2.19	25.35
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
170	69	BUIC	RIVI	430.	COLD TRANS	8.59	170.22	579.6	5.99	16.15
					COLD STAB	4.52	75.51	606.3	4.75	12.01
IHC = 0650 PPM HEXANE					HOT TRANS	3.52	35.68	569.9	7.67	13.93
ICO (ACT) = 08.40 % CO					72 FTP	6.47	120.84	593.5	5.34	11.04
ICO (SPEC) = 02.00 % CO					75 FTP	5.08	84.14	590.9	5.80	12.01
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
171	69	BUIC	SPEC	350.	COLD TRANS	6.13	83.20	509.5	4.31	13.45
					COLD STAB	5.68	112.21	486.5	2.22	13.04
IHC = 1450 PPM HEXANE					HOT TRANS	5.03	81.45	449.5	4.54	15.79
ICO (ACT) = 10.00 % CO					72 FTP	5.89	98.33	497.5	3.22	13.23
ICO (SPEC) = 02.00 % CO					75 FTP	5.59	92.39	481.1	3.28	13.78
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
172	69	CHEV	CHE2	307.	COLD TRANS	5.04	86.51	510.2	4.42	13.40
					COLD STAB	4.31	63.64	516.4	3.94	14.09
IHC = 0450 PPM HEXANE					HOT TRANS	3.92	46.09	479.4	5.56	15.73
ICO (ACT) = 07.80 % CO					72 FTP	4.66	74.59	513.5	4.17	13.75
ICO (SPEC) = 99.99 % CO					75 FTP	4.35	63.56	505.0	4.48	14.34
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
173	69	CHEV	ELLA	350.	COLD TRANS	6.94	94.95	539.5	3.89	12.49
					COLD STAB	7.17	128.46	535.0	3.78	11.68
IHC = 0850 PPM HEXANE					HOT TRANS	5.82	86.00	490.6	3.44	13.76
ICO (ACT) = 10.00 % CO					72 FTP	7.06	112.42	537.1	3.83	12.06
ICO (SPEC) = 99.99 % CO					75 FTP	6.75	109.98	523.8	3.65	12.36
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
174	69	CHEV	IMPA	327.	COLD TRANS	16.47	126.29	496.6	3.62	11.88
					COLD STAB	17.26	94.71	524.2	3.01	12.20
IHC = 2000 PPM HEXANE					HOT TRANS	14.01	53.29	508.6	6.04	13.94
ICO (ACT) = 08.00 % CO					72 FTP	16.88	169.82	511.0	3.30	12.04
ICO (SPEC) = 01.00 % CO					75 FTP	16.21	89.90	514.3	3.96	12.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
175	69	CHEV	IMPA	327.	COLD TRANS	10.39	145.56	521.3	3.27	11.34
					COLD STAB	7.58	105.78	509.5	2.52	12.68
IHC = 1050 PPM HEXANE					HOT TRANS	6.76	67.37	497.3	4.07	14.21
ICO (ACT) = 8.65 % CO					72 FTP	8.93	124.62	515.1	2.88	12.00
ICO (SPEC) = 99.99 % CO					75 FTP	7.93	103.49	508.6	3.10	12.74
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
176	69	CHEV	CAPR	350.	COLD TRANS	12.17	183.15	521.7	2.34	10.47
					COLD STAB	6.47	113.30	551.2	2.10	11.84
IHC = 0950 PPM HEXANE					HOT TRANS	4.31	54.33	534.4	3.76	14.01
ICO (ACT) = 09.80 % CO					72 FTP	9.20	146.73	537.0	2.22	11.14
ICO (SPEC) = 02.00 % CO					75 FTP	7.05	111.59	540.5	2.61	12.02
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
177	69	CHRY	NEWP	383.	COLD TRANS	9.14	117.69	566.4	4.92	11.37
					COLD STAB	7.32	20.12	592.3	4.57	13.72
IHC = 2000 PPM HEXANE					HOT TRANS	6.19	27.97	539.0	6.02	14.73
ICO (ACT) = 00.20 % CO					72 FTP	8.19	66.82	579.9	4.74	12.49
ICO (SPEC) = 01.60 % CO					75 FTP	7.39	42.34	572.4	5.04	13.40
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
178	69	FORD	MUST	250.	COLD TRANS	5.86	47.14	402.6	3.59	17.92
					COLD STAB	4.81	36.30	404.5	2.43	18.61
IHC = 0660 PPM HEXANE					HOT TRANS	4.61	27.96	362.3	3.75	21.05
ICO (ACT) = 10.00 % CO					72 FTP	5.32	41.49	403.6	2.98	18.28
ICO (SPEC) = 01.60 % CO					75 FTP	5.03	36.25	392.6	3.03	19.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
179	69	FORD	TORI	302.	COLD TRANS	8.35	84.86	495.9	5.21	13.54
					COLD STAB	8.33	101.97	458.8	3.79	13.75
IHC = 0950 PPM HEXANE					HOT TRANS	6.01	51.12	457.6	6.01	15.93
ICO (ACT) = 09.50 % CO					72 FTP	8.34	93.78	476.6	4.47	13.65
ICO (SPEC) = 01.80 % CO					75 FTP	7.70	84.58	466.1	4.68	14.24
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
180	69	FORD	GALA	351.	COLD TRANS	14.71	108.61	549.2	2.70	11.58
					COLD STAB	4.46	96.24	557.5	2.45	12.28
IHC = 0775 PPM HEXANE					HOT TRANS	3.97	53.23	506.6	4.28	14.72
ICO (ACT) = 07.20 % CO					72 FTP	9.37	102.16	553.5	2.57	11.93
ICO (SPEC) = 01.60 % CO					75 FTP	6.44	87.05	541.9	3.00	12.70
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
181	69	FORD	GALA	390.	COLD TRANS	4.76	78.81	644.8	4.17	11.32
					COLD STAB	3.38	53.36	660.4	2.97	11.76
IHC = 0475 PPM HEXANE					HOT TRANS	2.77	28.85	599.4	5.07	13.56
ICO (ACT) = 03.80 % CO					72 FTP	4.04	65.54	653.0	3.54	11.54
ICO (SPEC) = 99.99 % CO					75 FTP	3.50	51.91	640.6	3.79	12.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
182	69	MERC	MONR	390.	COLD TRANS	3.48	97.67	697.3	3.95	10.30
					COLD STAB	2.70	98.45	672.3	2.74	10.62
IHC = 0260 PPM HEXANE					HOT TRANS	3.00	53.16	587.0	4.07	13.05
ICO (ACT) = 06.50 % CO					72 FTP	3.07	98.08	684.3	3.32	10.46
ICO (SPEC) = 01.60 % CO					75 FTP	2.94	85.93	654.2	3.35	11.11
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
183	69	OLDS	DELT	455.	COLD TRANS	8.82	180.07	582.1	5.84	9.94
					COLD STAB	6.66	144.42	580.7	3.92	10.71
IHC = 0950 PPM HEXANE					HOT TRANS	4.90	94.45	557.0	7.52	12.31
ICO (ACT) = 08.50 % CO					72 FTP	7.69	161.48	581.4	4.84	10.33
ICO (SPEC) = 01.60 % CO					75 FTP	6.62	138.12	574.5	5.30	10.92
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
184	69	PLYM	SATE	318.	COLD TRANS	4.74	62.37	548.5	3.23	13.42
					COLD STAB	4.75	70.99	498.1	2.31	14.21
IHC = 0450 PPM HEXANE					HOT TRANS	3.35	31.09	500.5	3.93	15.85
ICO (ACT) = 03.90 % CO					72 FTP	4.74	66.86	522.2	2.75	13.82
ICO (SPEC) = 01.60 % CO					75 FTP	4.37	58.33	509.1	2.94	14.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
185	69	PONT	LEMA	350.	COLD TRANS	9.82	45.28	583.8	3.90	12.94
					COLD STAB	13.76	31.01	581.9	4.11	13.16
IHC = 2000 PPM HEXANE					HOT TRANS	8.96	16.26	523.5	4.46	15.37
ICO (ACT) = 04.20 % CO					72 FTP	11.68	37.84	582.8	4.01	13.05
ICO (SPEC) = 99.99 % CO					75 FTP	11.64	29.92	566.4	4.16	13.65
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
186	69	PONT	CATA	400.	COLD TRANS	5.91	71.04	648.9	3.05	11.39
					COLD STAB	5.05	108.93	584.9	1.75	11.50
IHC = 0575 PPM HEXANE					HOT TRANS	3.65	54.84	552.3	3.36	13.65
ICO (ACT) = 06.00 % CO					72 FTP	5.46	90.79	615.5	2.37	11.44
ICO (SPEC) = 01.30 % CO					75 FTP	4.84	86.37	589.2	2.46	11.99
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
187	69	VOLK	SEDA	97.	COLD TRANS	3.98	59.77	309.3	3.31	21.34
					COLD STAB	3.39	59.18	347.0	1.82	19.69
IHC = 0660 PPM HEXANE					HOT TRANS	2.99	47.50	286.6	2.83	23.94
ICO (ACT) = 08.50 % CO					72 FTP	3.67	59.46	329.0	2.53	20.45
ICO (SPEC) = 03.00 % CO					75 FTP	3.40	56.11	322.8	2.40	21.05
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
457	69	AMC	AMBA	350.	COLD TRANS	5.65	68.67	562.2	4.37	12.90
					COLD STAB	5.94	105.74	531.0	2.40	12.40
IHC = 0330 PPM HEXANE					HOT TRANS	4.94	63.39	487.8	5.18	14.72
ICO (ACT) = 07.00 % CO					72 FTP	5.80	87.99	545.9	3.35	12.63
ICO (SPEC) = 01.30 % CO					75 FTP	5.61	86.55	525.6	3.57	13.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
458	69	CADI	DEVI	472.	COLD TRANS	2.25	24.48	841.8	3.67	10.00
					COLD STAB	1.63	49.79	788.6	1.74	10.18
IHC = 0275 PPM HEXANE					HOT TRANS	1.45	27.37	702.9	3.35	11.83
ICO (ACT) = 03.60 % CO					72 FTP	1.93	37.67	814.0	2.66	10.09
ICO (SPEC) = 01.00 % CO					75 FTP	1.71	38.46	776.2	2.57	10.54
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
459	69	CHEV	NOVA	230.	COLD TRANS	5.90	106.74	421.7	3.93	14.59
					COLD STAB	2.48	13.73	483.4	3.76	17.31
IHC = 0216 PPM HEXANE					HOT TRANS	2.50	10.77	399.4	4.91	20.92
ICO (ACT) = 00.60 % CO					72 FTP	4.12	58.25	453.9	3.84	15.89
ICO (SPEC) = 01.00 % CO					75 FTP	3.19	32.06	447.8	4.11	17.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
460	69	CHEV	IMPA	350.	COLD TRANS	8.82	147.90	512.0	2.26	11.49
					COLD STAB	6.84	99.12	534.8	4.89	12.46
IHC = 0900 PPM HEXANE					HOT TRANS	5.56	51.99	501.9	8.23	14.76
ICO (ACT) = 10.00 % CO					72 FTP	7.78	122.47	523.9	3.63	11.98
ICO (SPEC) = 01.30 % CO					75 FTP	6.90	96.30	521.1	5.26	12.78
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
461	69	CHEV	IMPA	327.	COLD TRANS	9.26	173.00	480.2	3.03	11.36
					COLD STAB	6.31	163.55	457.9	2.14	11.97
IHC = 0380 PPM HEXANE					HOT TRANS	6.93	108.56	457.3	3.77	13.66
ICO (ACT) = 06.00 % CO					72 FTP	8.76	166.08	468.6	2.57	11.67
ICO (SPEC) = 02.00 % CO					75 FTP	8.13	150.49	462.3	2.77	12.25
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
462	69	DODG	CORO	318.	COLD TRANS	3.93	53.18	514.1	6.67	14.55
					COLD STAB	4.06	75.07	474.4	4.22	14.67
IHC = 2000 PPM HEXANE					HOT TRANS	3.58	44.45	455.9	6.91	16.52
ICO (ACT) = 05.00 % CO					72 FTP	4.00	64.59	493.4	5.39	14.61
ICO (SPEC) = 01.60 % CO					75 FTP	3.90	62.21	477.5	5.46	15.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
463	69	DODG	CORO	318.	COLD TRANS	8.55	189.95	406.4	1.31	12.13
					COLD STAB	6.13	167.43	452.7	1.56	12.07
IHC = 0675 PPM HEXANE					HOT TRANS	4.63	67.38	427.8	5.27	16.18
ICO (ACT) = 10.00 % CO					72 FTP	7.29	178.21	430.5	1.44	12.10
ICO (SPEC) = 99.99 % CO					75 FTP	6.22	144.77	436.4	2.52	12.98
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
464	69	FORD	MUST	302.	COLD TRANS	11.07	117.42	576.1	1.68	11.15
					COLD STAB	11.52	94.34	505.5	1.41	12.86
IHC = 2000 PPM HEXANE					HOT TRANS	7.96	52.62	489.3	2.70	14.66
ICO (ACT) = 04.40 % CO					72 FTP	11.31	105.39	539.3	1.54	11.98
ICO (SPEC) = 01.80 % CO					75 FTP	10.46	87.71	515.6	1.82	12.93
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
465	69	FORD	TORI	351.	COLD TRANS	4.74	39.81	599.3	7.15	13.11
					COLD STAB	4.67	78.32	528.6	4.53	13.32
IHC = 0775 PPM HEXANE					HOT TRANS	3.92	37.75	519.7	7.24	15.01
ICO (ACT) = 10.00 % CO					72 FTP	4.70	59.88	562.5	5.78	13.22
ICO (SPEC) = 01.60 % CO					75 FTP	4.48	59.32	540.8	5.81	13.69
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
466	69	FORD	THUN	429.	COLD TRANS	7.38	64.64	620.7	5.78	11.90
					COLD STAB	12.07	16.28	603.9	3.92	13.29
IHC = 0900 PPM HEXANE					HOT TRANS	7.26	21.52	528.9	6.52	15.15
ICO (ACT) = 00.50 % CO					72 FTP	9.82	39.43	611.9	4.61	12.59
ICO (SPEC) = 00.70 % CO					75 FTP	9.79	27.66	586.9	5.01	13.42
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
467	69	OLDS	CUTL	350.	COLD TRANS	9.36	143.39	423.2	2.60	13.09
					COLD STAB	5.23	97.70	461.7	1.57	14.05
IHC = 0600 PPM HEXANE					HOT TRANS	4.79	71.95	399.1	2.81	16.63
ICO (ACT) = 06.50 % CO					72 FTP	7.21	119.57	443.3	2.16	13.57
ICO (SPEC) = 01.60 % CO					75 FTP	5.96	100.08	436.7	2.16	14.48
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
468	69	OLDS	DELT	455.	COLD TRANS	12.82	174.54	516.6	3.73	10.67
					COLD STAB	17.24	244.73	476.3	1.64	9.69
IHC = 1800 PPM HEXANE					HOT TRANS	10.65	141.30	467.3	3.65	12.27
ICO (ACT) = 10.00 % CO					72 FTP	15.12	211.13	495.6	2.64	10.14
ICO (SPEC) = 01.60 % CO					75 FTP	14.53	202.06	482.1	2.62	10.49
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
469	69	PLYM	VALI	225.	COLD TRANS	5.93	103.57	371.7	2.76	16.04
					COLD STAB	2.61	46.82	376.5	2.79	19.36
IHC = 0300 PPM HEXANE					HOT TRANS	2.68	39.18	345.5	3.69	21.36
ICO (ACT) = 05.30 % CO					72 FTP	4.20	73.98	374.2	2.78	17.62
ICO (SPEC) = 01.60 % CO					75 FTP	3.31	56.41	367.1	3.03	19.04
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
470	69	PLYM	FURY3	318.	COLD TRANS	6.23	81.69	502.6	6.20	13.64
					COLD STAB	4.76	79.92	525.0	4.79	13.33
IHC = 0325 PPM HEXANE					HOT TRANS	3.98	51.40	469.0	6.36	15.78
ICO (ACT) = 04.00 % CO					72 FTP	5.46	80.76	514.3	5.47	13.48
ICO (SPEC) = 01.60 % CO					75 FTP	4.65	72.50	505.1	5.51	13.99
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
471	69	PONT	TEMP	350.	COLD TRANS	6.57	121.28	499.2	3.90	12.49
					COLD STAB	6.71	104.61	490.6	2.96	11.52
IHC = 0380 PPM HEXANE					HOT TRANS	5.02	76.15	454.9	5.27	15.03
ICO (ACT) = 07.00 % CO					72 FTP	6.64	143.87	494.7	3.41	11.96
ICO (SPEC) = 01.30 % CO					75 FTP	6.22	131.56	482.6	3.78	12.52
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
472	69	TOYO	CORO	116.	COLD TRANS	4.65	111.65	326.8	2.33	17.17
					COLD STAB	4.27	136.11	265.4	0.42	17.89
IHC = 0240 PPM HEXANE					HOT TRANS	3.42	106.99	274.6	1.25	19.43
ICO (ACT) = 04.30 % CO					72 FTP	4.45	125.44	294.8	1.34	17.54
ICO (SPEC) = 03.00 % CO					75 FTP	4.12	124.72	280.6	1.04	18.13
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
473	69	VOLK	SEDA	91.	COLD TRANS	3.17	41.08	308.5	2.18	23.17
					COLD STAB	2.90	33.58	354.2	1.15	21.33
IHC = 0220 PPM HEXANE					HOT TRANS	2.67	29.27	304.1	1.96	24.76
ICO (ACT) = 00.20 % CO					72 FTP	3.03	37.17	332.3	1.64	22.17
ICO (SPEC) = 03.00 % CO					75 FTP	2.90	33.94	331.1	1.58	22.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
188	68	AMC	JAVA	290.	COLD TRANS	5.12	60.05	430.3	2.61	15.51
					COLD STAB	3.29	60.36	436.1	1.57	16.39
IHC = 0510 PPM HEXANE					HOT TRANS	3.32	36.73	416.3	3.68	18.32
ICO (ACT) = 07.80 % CO					72 FTP	4.17	69.79	433.3	2.06	15.96
ICO (SPEC) = 02.00 % CO					75 FTP	3.67	57.97	429.5	2.36	16.68
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
189	68	BUIC	LESA	350.	COLD TRANS	6.20	125.89	602.1	2.85	10.83
					COLD STAB	5.51	180.80	565.1	1.28	10.24
IHC = 0500 PPM HEXANE					HOT TRANS	5.81	131.48	504.3	2.01	12.17
ICO (ACT) = 07.50 % CO					72 FTP	5.84	154.51	582.8	2.03	10.51
ICO (SPEC) = 01.30 % CO					75 FTP	5.73	156.04	556.1	1.80	10.83
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
190	68	CHEV	NOVA	307.	COLD TRANS	3.79	42.37	475.2	1.84	16.03
					COLD STAB	3.85	55.71	418.9	0.85	17.11
IHC = 0800 PPM HEXANE					HOT TRANS	4.82	38.51	400.5	1.65	18.63
ICO (ACT) = 06.00 % CO					72 FTP	3.82	49.33	445.8	1.32	16.58
ICO (SPEC) = 01.50 % CO					75 FTP	4.10	48.27	425.5	1.27	17.26
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
191	68	CHEV	CHEL	307.	COLD TRANS	35.38	109.14	448.0	4.91	12.10
					COLD STAB	35.98	101.81	410.8	3.16	12.96
IHC = 2000 PPM HEXANE					HOT TRANS	30.56	64.24	454.6	5.36	13.60
ICO (ACT) = 10.00 % CO					72 FTP	35.93	105.32	428.6	4.00	12.53
ICO (SPEC) = 01.50 % CO					75 FTP	34.48	93.07	430.4	4.12	12.94
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
192	68	CHEV	IMPA	327.	COLD TRANS	15.42	238.76	500.5	1.60	9.60
					COLD STAB	14.65	235.38	496.4	0.78	9.72
IHC = 2000 PPM HEXANE					HOT TRANS	13.40	164.38	467.4	1.92	11.55
ICO (ACT) = 10.00 % CO					72 FTP	15.02	237.00	498.4	1.17	9.66
ICO (SPEC) = 02.00 % CO					75 FTP	14.47	216.70	489.3	1.26	10.13
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
193	68	CHEV	IMPA	396.	COLD TRANS	6.38	136.64	500.1	2.16	12.07
					COLD STAB	6.07	173.08	481.5	0.64	11.49
IHC = 0330 PPM HEXANE					HOT TRANS	5.70	142.16	426.6	1.18	13.28
ICO (ACT) = 05.80 % CO					72 FTP	6.22	155.64	490.4	1.37	11.76
ICO (SPEC) = 02.00 % CO					75 FTP	6.03	157.15	470.4	1.10	12.05
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
194	68	CHRY	NEWP	383.	COLD TRANS	7.52	148.17	569.7	3.74	10.74
					COLD STAB	5.03	91.60	618.8	3.30	11.40
IHC = 1600 PPM HEXANE					HOT TRANS	4.29	53.70	570.1	5.57	13.29
ICO (ACT) = 10.00 % CO					72 FTP	6.23	118.68	595.3	3.51	11.07
ICO (SPEC) = 01.90 % CO					75 FTP	5.34	92.90	595.4	4.01	11.70
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
195	68	DODG	CHAR	318.	COLD TRANS	26.08	109.08	473.5	4.72	12.09
					COLD STAB	21.05	77.91	445.9	4.03	13.97
IHC = 2000 PPM HEXANE					HOT TRANS	20.65	53.34	446.9	5.62	14.89
ICO (ACT) = 03.30 % CO					72 FTP	24.41	92.83	459.1	4.36	13.01
ICO (SPEC) = 01.90 % CO					75 FTP	22.39	77.62	451.9	4.61	13.76
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
196	68	FORD	MUST	200.	COLD TRANS	2.53	29.31	474.5	14.03	16.79
					COLD STAB	2.42	13.33	405.3	7.96	20.45
IHC = 0375 PPM HEXANE					HOT TRANS	2.19	9.46	419.0	13.73	20.13
ICO (ACT) = 01.70 % CO					72 FTP	2.47	20.98	438.4	10.87	18.52
ICO (SPEC) = 03.00 % CO					75 FTP	2.38	15.57	423.3	10.79	19.49
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
197	68	FORD	FAIR	289.	COLD TRANS	9.49	88.76	429.3	1.41	14.62
					COLD STAB	4.00	56.40	496.9	2.88	14.84
IHC = 0140 PPM HEXANE					HOT TRANS	3.77	31.03	459.4	5.20	17.06
ICO (ACT) = 04.80 % CO					72 FTP	6.63	71.89	464.5	2.18	14.83
ICO (SPEC) = 03.50 % CO					75 FTP	5.07	56.14	472.8	3.21	15.38
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
198	68	FORD	GALA	302.	COLD TRANS	6.38	106.46	673.0	2.20	10.31
					COLD STAB	3.50	57.57	659.0	1.61	11.67
IHC = 0300 PPM HEXANE					HOT TRANS	3.53	60.83	607.9	2.15	12.42
ICO (ACT) = 01.50 % CO					72 FTP	4.88	80.97	665.7	1.89	10.98
ICO (SPEC) = 00.40 % CO					75 FTP	4.10	66.52	647.9	1.88	11.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
199	68	MERC	COLO	390.	COLD TRANS	4.67	56.03	710.0	5.51	10.92
					COLD STAB	4.29	76.53	711.7	3.74	10.62
IHC = 0700 PPM HEXANE					HOT TRANS	4.05	49.10	624.1	5.33	12.43
ICO (ACT) = 03.70 % CO					72 FTP	4.47	63.59	710.9	4.58	10.76
ICO (SPEC) = 00.60 % CO					75 FTP	4.30	61.70	667.4	4.54	11.12
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
200	68	OLDS	CUTL	350.	COLD TRANS	7.44	103.23	493.5	2.96	13.03
					COLD STAB	4.76	24.33	486.4	2.26	16.44
IHC = 0900 PPM HEXANE					HOT TRANS	3.81	18.42	462.2	3.53	17.64
ICO (ACT) = 08.80 % CO					72 FTP	6.31	62.10	489.8	2.59	14.61
ICO (SPEC) = 01.00 % CO					75 FTP	5.17	38.96	481.3	2.75	15.88
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
201	68	PLYM	BELA	318.	COLD TRANS	4.08	60.50	450.6	4.56	15.89
					COLD STAB	4.33	67.42	473.8	2.46	14.96
IHC = 0400 PPM HEXANE					HOT TRANS	3.87	56.22	414.9	3.77	17.22
ICO (ACT) = 00.65 % CO					72 FTP	4.21	64.11	462.7	3.46	15.39
ICO (SPEC) = 01.30 % CO					75 FTP	4.15	62.94	452.9	3.25	15.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
202	68	PONT	TEMP	350.	COLD TRANS	8.29	125.22	483.5	4.51	12.56
					COLD STAB	7.09	88.27	442.7	3.40	14.70
IHC = 0450 PPM HEXANE					HOT TRANS	5.54	47.97	439.5	5.64	16.67
ICO (ACT) = 08.50 % CO					72 FTP	7.66	105.95	462.2	3.93	13.59
ICO (SPEC) = 01.00 % CO					75 FTP	6.91	84.88	450.2	4.24	14.66
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
203	68	PONT	VENT	400.	COLD TRANS	6.56	126.20	563.1	2.00	11.35
					COLD STAB	4.75	92.49	571.8	1.42	12.12
IHC = 0850 PPM HEXANE					HOT TRANS	4.30	61.01	524.4	2.24	14.00
ICO (ACT) = 06.80 % CO					72 FTP	5.62	108.62	567.7	1.70	11.74
ICO (SPEC) = 01.00 % CO					75 FTP	5.00	90.84	557.1	1.76	12.40
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
204	68	VOLK	SEDA	91.	COLD TRANS	7.11	153.70	261.0	0.63	16.90
					COLD STAB	5.96	140.86	293.0	0.36	16.64
IHC = 0360 PPM HEXANE					HOT TRANS	5.65	145.03	233.9	0.45	18.50
ICO (ACT) = 07.20 % CO					72 FTP	6.51	147.01	277.7	0.49	16.77
ICO (SPEC) = 03.00 % CO					75 FTP	6.11	144.64	270.3	0.44	17.17
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
474	68	BUIC	RIVI	430.	COLD TRANS	5.42	112.59	587.3	2.94	11.33
					COLD STAB	5.28	123.58	600.1	1.57	10.94
IHC = 0425 PPM HEXANE					HOT TRANS	4.56	76.45	518.1	3.04	13.53
ICO (ACT) = 04.40 % CO					72 FTP	5.59	116.32	594.0	2.23	11.13
ICO (SPEC) = 01.30 % CO					75 FTP	5.21	109.01	575.1	2.26	11.63
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
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APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
475	68	CADI	DEVI	472.	COLD TRANS	3.00	106.65	886.9	3.49	8.34
					COLD STAB	0.75	47.97	838.2	2.14	9.09
IHC = 0130 PPM HEXANE					HOT TRANS	1.22	35.13	734.8	3.67	11.18
ICO (ACT) = 02.90 % CO					72 FTP	1.63	76.06	861.5	2.79	8.99
ICO (SPEC) = 02.60 % CO					75 FTP	1.34	56.54	820.0	2.83	9.72
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
476	68	CHEV	ELCA	307.	COLD TRANS	7.15	62.67	428.7	4.39	16.14
					COLD STAB	8.10	52.33	390.0	3.03	17.63
IHC = 1800 PPM HEXANE					HOT TRANS	5.77	31.01	394.4	4.81	19.24
ICO (ACT) = 10.00 % CO					72 FTP	7.65	57.28	408.5	3.68	16.98
ICO (SPEC) = 99.99 % CO					75 FTP	7.27	48.64	399.2	3.79	17.80
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
477	68	CHEV	IMPA	327.	COLD TRANS	8.45	137.51	567.4	4.32	10.95
					COLD STAB	4.94	36.25	597.7	3.21	13.24
IHC = 0550 PPM HEXANE					HOT TRANS	4.49	26.70	542.3	5.35	14.83
ICO (ACT) = 04.20 % CO					72 FTP	6.62	64.72	583.2	3.74	12.04
ICO (SPEC) = 02.00 % CO					75 FTP	5.54	54.48	576.3	4.02	13.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
478	68	CHEV	STAW	327.	COLD TRANS	11.47	186.63	456.0	2.23	11.30
					COLD STAB	8.01	147.40	467.5	1.56	12.25
IHC = 0460 PPM HEXANE					HOT TRANS	7.38	112.72	420.2	2.56	14.30
ICO (ACT) = 05.60 % CO					72 FTP	9.67	160.18	462.0	1.88	11.77
ICO (SPEC) = 02.00 % CO					75 FTP	8.55	146.01	452.2	1.98	12.52
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE , FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
479	68	DODG	DART	225.	COLD TRANS	5.30	115.79	337.0	2.63	16.57
					COLD STAB	3.00	49.21	371.3	3.58	19.37
IHC = 0425 PPM HEXANE					HOT TRANS	2.54	35.71	352.9	5.01	21.28
ICO (ACT) = 05.30 % CO					72 FTP	4.10	81.08	354.9	3.13	17.92
ICO (SPEC) = 01.30 % CO					75 FTP	3.35	59.23	359.2	3.78	19.17
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
480	68	FORD	MUST	289.	COLD TRANS	4.73	48.33	480.7	3.96	15.53
					COLD STAB	3.95	44.15	489.7	2.30	15.53
IHC = 0220 PPM HEXANE					HOT TRANS	3.84	25.35	463.4	4.80	17.22
ICO (ACT) = 02.80 % CO					72 FTP	4.33	46.15	485.4	3.10	15.53
ICO (SPEC) = 03.50 % CO					75 FTP	4.08	39.88	480.7	3.33	15.95
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
481	68	FORD	GALA	390.	COLD TRANS	7.02	158.32	498.5	2.47	11.53
					COLD STAB	2.89	25.92	625.5	3.24	13.14
IHC = 0450 PPM HEXANE					HOT TRANS	2.72	17.74	529.2	5.28	15.69
ICO (ACT) = 04.50 % CO					72 FTP	4.87	89.29	564.7	2.87	12.32
ICO (SPEC) = 99.99 % CO					75 FTP	3.70	50.94	573.0	3.64	13.35
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
482	68	FORD	STAW	390.	COLD TRANS	6.81	185.16	567.1	2.26	10.09
					COLD STAB	4.49	18.80	632.2	3.61	13.13
IHC = 2000 PPM HEXANE					HOT TRANS	4.77	13.13	547.9	6.57	15.21
ICO (ACT) = 00.18 % CO					72 FTP	5.60	98.43	601.0	2.97	11.47
ICO (SPEC) = 99.99 % CO					75 FTP	5.04	51.49	595.8	4.14	12.81
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
483	68	OLDS	TORO	455.	COLD TRANS	4.07	32.82	740.1	7.85	11.03
					COLD STAB	4.20	51.68	736.6	4.85	10.66
IHC = 0230 PPM HEXANE					HOT TRANS	3.18	21.72	673.1	8.60	12.37
ICO (ACT) = 00.85 % CO					72 FTP	4.14	42.65	738.3	6.29	10.64
ICO (SPEC) = 01.00 % CO					75 FTP	3.89	39.63	720.0	6.55	11.17
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
484	68	PLYM	FURY	383.	COLD TRANS	7.91	369.36	545.1	2.65	7.71
					COLD STAB	3.91	15.90	610.5	5.05	13.70
IHC = 0800 PPM HEXANE					HOT TRANS	3.86	24.29	540.8	7.66	15.01
ICO (ACT) = 00.15 % CO					72 FTP	5.82	185.09	579.2	3.90	9.99
ICO (SPEC) = 01.40 % CO					75 FTP	4.72	90.94	578.0	5.27	12.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
485	68	PONT	BONN	400.	COLD TRANS	3.33	48.80	738.9	3.59	10.74
					COLD STAB	3.62	43.77	686.0	2.13	11.57
IHC = 0200 PPM HEXANE					HOT TRANS	2.80	21.69	621.5	3.45	13.36
ICO (ACT) = 01.65 % CO					72 FTP	3.58	46.17	711.3	2.83	11.16
ICO (SPEC) = 01.00 % CO					75 FTP	3.44	38.78	679.3	2.79	11.62
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
486	68	VOLK	BUS	97.	COLD TRANS	12.20	94.97	340.2	3.40	16.81
					COLD STAB	4.01	44.97	414.5	3.22	17.83
IHC = 0380 PPM HEXANE					HOT TRANS	4.60	47.01	334.5	3.49	20.98
ICO (ACT) = 03.20 % CO					72 FTP	7.93	68.90	378.9	3.31	17.32
ICO (SPEC) = 03.00 % CO					75 FTP	5.85	55.82	377.4	3.33	18.35
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
205	65	AMC	RAMB	199.	COLD TRANS	10.46	95.46	408.0	1.90	15.01
					COLD STAB	8.69	77.24	432.8	1.52	15.26
IHC = 0700 PPM HEXANE					HOT TRANS	7.01	67.06	363.0	1.86	18.09
ICO (ACT) = 10.00 % CO					72 FTP	9.54	85.96	421.0	1.71	15.14
ICO (SPEC) = 03.60 % CO					75 FTP	8.59	78.21	408.7	1.69	15.88
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
206	67	BUIC	SKYL	340.	COLD TRANS	7.82	95.21	455.5	3.06	14.09
					COLD STAB	9.99	141.05	404.1	1.30	13.50
IHC = 1650 PPM HEXANE					HOT TRANS	6.87	89.32	405.6	2.75	15.63
ICO (ACT) = 08.90 % CO					72 FTP	8.95	119.11	428.7	2.14	13.78
ICO (SPEC) = 02.00 % CO					75 FTP	8.69	117.50	415.1	2.06	14.15
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
207	67	BUIC	ELEC	430.	COLD TRANS	7.89	171.91	508.3	1.99	11.05
					COLD STAB	7.92	158.71	467.1	0.97	11.65
IHC = 1000 PPM HEXANE					HOT TRANS	6.32	131.25	450.6	1.71	13.11
ICO (ACT) = 06.25 % CO					72 FTP	7.91	165.03	497.3	1.46	11.35
ICO (SPEC) = 02.60 % CO					75 FTP	7.48	153.94	481.5	1.36	11.86
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
208	67	CHEV	IMPA	327.	COLD TRANS	8.69	129.86	473.5	3.13	12.59
					COLD STAB	4.84	76.39	252.2	0.69	22.90
IHC = 0475 PPM HEXANE					HOT TRANS	6.65	92.56	421.2	2.90	15.08
ICO (ACT) = 01.20 % CO					72 FTP	6.68	101.98	358.1	1.86	16.45
ICO (SPEC) = 02.20 % CO					75 FTP	6.18	91.81	343.6	1.80	17.48
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
209	67	CHEV	CHEL	283.	COLD TRANS	6.67	79.01	465.0	3.66	14.54
					COLD STAB	6.92	95.24	418.4	1.56	15.04
IHC = 0950 PPM HEXANE					HOT TRANS	5.70	66.48	411.0	3.48	16.54
ICO (ACT) = 03.50 % CO					72 FTP	6.80	87.47	440.7	2.66	14.80
ICO (SPEC) = 02.20 % CO					75 FTP	6.53	84.60	425.9	2.56	15.31
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
210	66	CHEV	IMPA	283.	COLD TRANS	16.02	387.57	420.9	2.62	8.21
					COLD STAB	16.16	421.71	364.7	1.17	8.18
IHC = 2000 PPM HEXANE					HOT TRANS	9.91	235.61	324.5	2.34	12.22
ICO (ACT) = 10.00 % CO					72 FTP	17.14	405.37	391.6	1.58	8.20
ICO (SPEC) = % CO					75 FTP	15.47	363.91	365.3	1.66	9.00
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
211	66	CHEV	IMPA	283.	COLD TRANS	15.05	179.26	438.8	3.28	11.55
					COLD STAB	11.85	126.30	404.8	1.80	13.85
IHC = 2000 PPM HEXANE					HOT TRANS	9.01	92.58	431.1	4.03	14.67
ICO (ACT) = 10.00 % CO					72 FTP	13.38	151.65	421.1	2.51	12.65
ICO (SPEC) = 99.99 % CO					75 FTP	11.73	128.00	419.0	2.71	13.50
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
212	65	CHEV	IMPA	327.	COLD TRANS	10.08	77.51	415.7	3.69	15.58
					COLD STAB	9.05	143.56	404.2	1.76	13.48
IHC = 1000 PPM HEXANE					HOT TRANS	6.24	66.97	408.1	4.06	15.55
ICO (ACT) = 08.50 % CO					72 FTP	9.55	111.94	409.7	2.69	14.41
ICO (SPEC) = 99.99 % CO					75 FTP	9.04	114.53	407.7	2.79	14.40
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
213	67	CHEV	CAPR	396.	COLD TRANS	4.07	78.62	625.3	2.85	11.65
					COLD STAB	3.17	70.37	572.9	1.71	12.60
IHC = 0250 PPM HEXANE					HOT TRANS	2.30	27.43	543.5	3.51	14.94
ICO (ACT) = 01.75 % CO					72 FTP	3.60	74.32	598.0	2.26	12.22
ICO (SPEC) = 02.20 % CO					75 FTP	3.12	60.35	575.7	2.44	13.04
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
214	67	CHRY	NEWP	383.	COLD TRANS	37.51	340.61	427.6	0.72	8.20
					COLD STAB	9.71	177.04	510.7	1.05	10.83
IHC = 0650 PPM HEXANE					HOT TRANS	9.91	185.81	440.7	1.50	11.62
ICO (ACT) = 01.00 % CO					72 FTP	23.01	255.43	470.9	0.89	9.39
ICO (SPEC) = 01.30 % CO					75 FTP	15.48	213.14	474.5	1.11	10.34
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
215	66	DODG	STAW	225.	COLD TRANS	34.05	243.07	270.9	1.11	11.66
					COLD STAB	12.57	129.61	327.1	1.92	15.55
IHC = 2000 PPM HEXANE					HOT TRANS	8.51	80.92	348.2	4.25	17.67
ICO (ACT) = 10.00 % CO					72 FTP	22.65	183.92	300.2	1.53	13.41
ICO (SPEC) = 01.30 % CO					75 FTP	15.68	139.68	321.3	2.39	15.01
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
216	66	FORD	MUST	200.	COLD TRANS	14.58	80.72	369.1	1.73	16.37
					COLD STAB	16.72	59.31	370.9	1.65	17.16
IHC = 2000 PPM HEXANE					HOT TRANS	10.27	53.48	358.9	1.98	18.66
ICO (ACT) = 10.00 % CO					72 FTP	15.69	69.56	370.1	1.69	16.77
ICO (SPEC) = 99.99 % CO					75 FTP	14.52	62.12	367.3	1.76	17.37
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
217	67	FORD	MUST	289.	COLD TRANS	6.00	75.15	432.3	5.35	15.59
					COLD STAB	6.31	114.56	389.4	2.71	15.06
IHC = 0825 PPM HEXANE					HOT TRANS	5.24	60.13	404.9	5.92	17.20
ICO (ACT) = 07.70 % CO					72 FTP	6.16	65.70	409.9	3.98	15.31
ICO (SPEC) = 02.00 % CO					75 FTP	5.95	91.60	402.5	4.13	15.70
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
218	67	FORD	FAIR	289.	COLD TRANS	4.64	72.95	485.5	2.81	14.43
					COLD STAB	4.85	118.76	443.2	1.62	13.75
IHC = 1125 PPM HEXANE					HOT TRANS	3.97	67.20	438.3	2.74	15.95
ICO (ACT) = 09.30 % CO					72 FTP	4.75	96.84	463.5	2.19	14.07
ICO (SPEC) = 02.00 % CO					75 FTP	4.57	95.27	450.6	2.17	14.44
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
219	66	FORD	GALA	352.	COLD TRANS	7.14	99.25	580.7	4.09	11.69
					COLD STAB	6.00	53.66	564.3	4.22	13.29
IHC = 0450 PPM HEXANE					HOT TRANS	4.61	35.34	498.5	4.52	15.61
ICO (ACT) = 01.00 % CO					72 FTP	6.55	75.48	572.2	4.16	12.47
ICO (SPEC) = 02.80 % CO					75 FTP	5.85	56.05	549.7	4.27	13.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
220	65	FORD	LTD	390.	COLD TRANS	10.55	145.92	545.9	4.44	10.98
					COLD STAB	8.89	156.78	516.4	3.24	11.18
IHC = 0750 PPM HEXANE					HOT TRANS	6.85	95.15	513.1	5.23	12.47
ICO (ACT) = 07.00 % CO					72 FTP	9.69	152.62	530.5	3.81	11.08
ICO (SPEC) = 03.80 % CO					75 FTP	8.68	138.77	521.6	4.03	11.57
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
221	67	FORD	GALA	390.	COLD TRANS	6.29	89.60	537.0	4.59	12.72
					COLD STAB	4.88	82.57	545.0	3.26	12.86
IHC = 0550 PPM HEXANE					HOT TRANS	4.38	48.85	522.5	6.01	14.46
ICO (ACT) = 06.10 % CO					72 FTP	5.56	85.93	541.2	3.90	12.79
ICO (SPEC) = 99.99 % CO					75 FTP	5.04	74.82	537.2	4.26	13.23
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
222	67	MERC	COUG	289.	COLD TRANS	6.61	133.35	407.8	1.95	13.91
					COLD STAB	6.16	153.62	381.6	0.74	13.81
IHC = 1100 PPM HEXANE					HOT TRANS	5.10	96.00	371.1	2.59	16.40
ICO (ACT) = 06.30 % CO					72 FTP	6.36	143.92	394.2	1.32	13.86
ICO (SPEC) = 02.00 % CO					75 FTP	5.97	134.27	384.2	1.50	14.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
223	67	OLDS	CUTL	330.	COLD TRANS	7.19	95.01	441.3	3.20	14.47
					COLD STAB	7.69	78.15	410.5	1.47	15.92
IHC = 1120 PPM HEXANE					HOT TRANS	5.71	46.54	405.4	3.59	17.87
ICO (ACT) = 01.80 % CO					72 FTP	7.45	86.22	425.2	2.30	15.19
ICO (SPEC) = 99.99 % CO					75 FTP	7.05	73.00	415.4	2.41	16.06
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
224	65	OLDS	NNTY	425.	COLD TRANS	8.92	132.33	552.1	3.67	11.26
					COLD STAB	8.84	137.26	454.8	1.50	12.70
IHC = 0350 PPM HEXANE					HOT TRANS	7.40	106.80	492.2	3.30	12.99
ICO (ACT) = 00.10 % CO					72 FTP	8.88	134.91	501.4	2.54	11.97
ICO (SPEC) = 03.80 % CO					75 FTP	8.46	127.94	485.0	2.44	12.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
225	66	PLYM	FURY	318.	COLD TRANS	14.08	182.67	424.6	3.19	11.73
					COLD STAB	10.18	130.94	434.5	4.43	13.20
IHC = 0140 PPM HEXANE					HOT TRANS	7.93	68.55	436.6	5.03	14.77
ICO (ACT) = 02.10 % CO					72 FTP	12.05	155.70	429.8	3.64	12.45
ICO (SPEC) = 01.30 % CO					75 FTP	10.37	130.02	433.0	4.34	13.24
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
226	65	PLYM	BARA	225.	COLD TRANS	3.67	75.59	438.4	4.35	15.59
					COLD STAB	1.99	16.22	435.7	4.15	18.86
IHC = 0190 PPM HEXANE					HOT TRANS	2.40	36.29	397.4	5.48	19.21
ICO (ACT) = 00.16 % CO					72 FTP	2.80	45.68	437.3	4.24	17.14
ICO (SPEC) = 01.30 % CO					75 FTP	2.45	34.96	425.9	4.55	18.16
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
227	65	PONT	TEMP	326.	COLD TRANS	7.69	106.33	472.4	2.52	13.35
					COLD STAB	8.61	125.63	403.5	1.03	14.13
IHC = 1350 PPM HEXANE					HOT TRANS	5.78	65.93	410.2	2.96	16.68
ICO (ACT) = 08.80 % CO					72 FTP	6.26	116.39	436.7	1.75	13.74
ICO (SPEC) = 03.80 % CO					75 FTP	7.69	105.37	419.6	1.86	14.56
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
228	66	PONT	BONN	389.	COLD TRANS	7.53	145.92	523.3	2.18	11.43
					COLD STAB	8.29	143.84	495.3	1.45	11.87
IHC = 0290 PPM HEXANE					HOT TRANS	6.75	129.37	432.4	1.86	13.51
ICO (ACT) = 04.10 % CO					72 FTP	7.93	144.84	508.7	1.60	11.66
ICO (SPEC) = 03.00 % CO					75 FTP	7.72	140.32	483.9	1.71	12.16
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
229	67	VOLK	SEDA	78.	COLD TRANS	5.69	69.82	270.0	2.29	22.32
					COLD STAB	6.02	73.29	278.8	1.13	21.49
IHC = 2000 PPM HEXANE					HOT TRANS	4.29	52.58	255.6	1.96	25.23
ICO (ACT) = 10.00 % CO					72 FTP	5.86	71.63	274.6	1.69	21.88
ICO (SPEC) = 03.00 % CO					75 FTP	5.48	66.92	270.6	1.60	22.57
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
230	67	VOLK	SEDA	91.	COLD TRANS	5.78	78.25	240.9	2.18	23.22
					COLD STAB	3.10	25.98	296.1	2.31	25.59
IHC = 2000 PPM HEXANE					HOT TRANS	2.85	42.49	240.3	2.63	28.08
ICO (ACT) = 00.40 % CO					72 FTP	4.38	51.00	269.7	2.25	24.40
ICO (SPEC) = 03.00 % CO					75 FTP	3.59	41.24	269.5	2.37	25.67
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
487	67	AMC	RAMB	232.	COLD TRANS	4.61	71.60	446.4	5.81	15.47
					COLD STAB	4.19	89.25	373.1	3.33	16.85
IHC = 0350 PPM HEXANE					HOT TRANS	3.99	67.97	406.4	5.48	16.66
ICO (ACT) = 06.00 % CO					72 FTP	4.39	80.60	408.2	4.51	16.16
ICO (SPEC) = 01.30 % CO					75 FTP	4.22	79.81	397.2	4.42	16.56
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
488	65	AMC	AMBA	287.	COLD TRANS	8.24	122.77	467.1	3.49	12.93
					COLD STAB	6.67	120.06	442.9	2.02	13.58
IHC = 0495 PPM HEXANE					HOT TRANS	6.08	104.95	410.7	2.55	14.92
ICO (ACT) = 06.40 % CO					72 FTP	7.53	121.36	454.5	2.72	13.27
ICO (SPEC) = 03.80 % CO					75 FTP	6.94	116.49	439.1	2.47	13.78
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
489	67	BUIC	RIVI	430.	COLD TRANS	12.66	162.25	486.5	2.16	11.36
					COLD STAB	14.21	191.98	428.4	0.78	11.45
IHC = 2000 PPM HEXANE					HOT TRANS	10.74	163.18	415.9	1.49	12.56
ICO (ACT) = 08.20 % CO					72 FTP	13.47	177.75	456.2	1.44	11.40
ICO (SPEC) = 02.00 % CO					75 FTP	12.95	178.01	437.0	1.26	11.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
490	66	CADI	DEVI	429.	COLD TRANS	7.51	199.02	624.5	1.48	9.23
					COLD STAB	6.45	176.85	558.9	0.85	10.35
IHC = 0725 PPM HEXANE					HOT TRANS	6.23	165.34	532.0	1.28	10.94
ICO (ACT) = 06.00 % CO					72 FTP	6.96	187.46	590.3	1.15	9.79
ICO (SPEC) = 02.80 % CO					75 FTP	6.61	178.27	565.0	1.10	10.25
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
491	66	CHEV	CHEL	283.	COLD TRANS	13.98	171.84	423.4	2.93	12.03
					COLD STAB	16.79	172.78	357.9	1.22	12.88
IHC = 1275 PPM HEXANE					HOT TRANS	12.20	120.98	391.4	3.24	14.31
ICO (ACT) = 09.80 % CO					72 FTP	16.49	172.33	389.3	2.04	12.46
ICO (SPEC) = 02.20 % CO					75 FTP	16.00	158.45	380.5	2.12	13.05
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
492	66	CHEV	CHEL	283.	COLD TRANS	11.74	134.90	378.1	1.83	14.15
					COLD STAB	8.77	114.68	341.6	0.91	16.15
IHC = 1750 PPM HEXANE					HOT TRANS	7.67	84.45	342.8	1.63	17.76
ICO (ACT) = 08.50 % CO					72 FTP	10.19	124.36	359.1	1.35	15.13
ICO (SPEC) = 03.00 % CO					75 FTP	9.08	110.59	349.5	1.35	16.08
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
493	66	CHEV	IMPA	283.	COLD TRANS	12.33	118.15	475.5	3.01	12.67
					COLD STAB	14.09	133.00	417.7	1.63	13.22
IHC = 2000 PPM HEXANE					HOT TRANS	6.98	92.29	424.1	3.02	14.85
ICO (ACT) = 10.00 % CO					72 FTP	13.25	125.89	445.4	2.29	12.95
ICO (SPEC) = 99.99 % CO					75 FTP	12.33	116.84	431.3	2.29	13.50
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
494	66	CHEV	IMPA	283.	COLD TRANS	9.33	126.48	506.1	4.01	12.06
					COLD STAB	7.63	116.23	454.1	1.84	13.43
IHC = 1050 PPM HEXANE					HOT TRANS	6.29	84.42	448.3	3.78	14.77
ICO (ACT) = 05.00 % CO					72 FTP	8.44	121.14	479.0	2.88	12.75
ICO (SPEC) = 99.99 % CO					75 FTP	7.61	109.66	463.3	2.61	13.45
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
495	66	CHEV	IMPA	327.	COLD TRANS	16.81	256.10	493.4	1.14	9.35
					COLD STAB	8.41	186.49	505.3	1.08	10.76
IHC = 0975 PPM HEXANE					HOT TRANS	7.04	132.54	486.1	1.61	12.38
ICO (ACT) = 09.30 % CO					72 FTP	12.43	219.81	499.6	1.11	10.03
ICO (SPEC) = 03.00 % CO					75 FTP	9.76	166.10	497.6	1.29	10.81
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
496	67	CHEV	IMPA	283.	COLD TRANS	13.19	140.25	423.6	2.79	12.94
					COLD STAB	13.88	131.53	397.1	1.74	13.70
IHC = 0825 PPM HEXANE					HOT TRANS	6.65	79.02	398.9	3.34	16.10
ICO (ACT) = 07.70 % CO					72 FTP	13.55	135.71	409.8	2.25	13.33
ICO (SPEC) = 02.20 % CO					75 FTP	12.36	119.60	403.1	2.39	14.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
497	67	DODG	CORO	318.	COLD TRANS	8.14	103.91	536.6	4.82	12.23
					COLD STAB	9.47	141.54	420.0	2.43	13.20
IHC = 0960 PPM HEXANE					HOT TRANS	7.19	69.71	434.4	3.83	14.64
ICO (ACT) = 08.20 % CO					72 FTP	8.83	123.53	475.8	3.58	12.72
ICO (SPEC) = 99.99 % CO					75 FTP	8.57	119.65	447.9	3.31	13.38
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
498	65	DODG	POLA	383.	COLD TRANS	9.43	159.88	549.5	3.28	10.66
					COLD STAB	7.35	141.27	543.9	2.53	11.25
IHC = 0525 PPM HEXANE					HOT TRANS	6.23	92.49	517.8	4.54	13.00
ICO (ACT) = 03.60 % CO					72 FTP	8.35	150.17	546.6	2.89	10.97
ICO (SPEC) = 03.60 % CO					75 FTP	7.47	131.79	536.0	3.23	11.55
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
499	65	FORD	MUST	200.	COLD TRANS	9.50	32.36	372.5	4.07	19.57
					COLD STAB	11.58	22.04	333.8	2.42	21.90
IHC = 2000 PPM HEXANE					HOT TRANS	7.55	18.87	317.4	3.89	23.92
ICO (ACT) = 03.20 % CO					72 FTP	10.58	26.98	352.3	3.21	20.72
ICO (SPEC) = 03.60 % CO					75 FTP	10.05	23.30	337.3	3.16	21.87
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
500	67	FORD	MUST	289.	COLD TRANS	6.43	73.36	452.3	5.14	15.09
					COLD STAB	7.68	145.13	405.1	2.33	13.50
IHC = 1200 PPM HEXANE					HOT TRANS	7.05	79.65	402.4	4.78	16.14
ICO (ACT) = 09.60 % CO					72 FTP	7.68	110.78	427.7	3.67	14.22
ICO (SPEC) = 02.00 % CO					75 FTP	7.25	112.49	414.1	3.58	14.46
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
501	67	FORD	STAW	289.	COLD TRANS	5.24	65.08	546.2	3.47	13.25
					COLD STAB	5.60	127.37	492.5	1.40	12.49
IHC = 0825 PPM HEXANE					HOT TRANS	4.72	66.38	476.5	3.37	14.90
ICO (ACT) = 06.80 % CO					72 FTP	5.43	97.56	518.2	2.39	12.89
ICO (SPEC) = 02.00 % CO					75 FTP	5.29	97.91	499.2	2.36	13.25
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
502	67	FORD	XL	390.	COLD TRANS	7.61	129.67	570.5	3.81	11.12
					COLD STAB	6.97	119.19	544.5	2.67	11.77
IHC = 1700 PPM HEXANE					HOT TRANS	5.48	67.85	522.7	4.73	13.72
ICO (ACT) = 09.50 % CO					72 FTP	7.28	124.21	556.9	3.21	11.45
ICO (SPEC) = 02.00 % CO					75 FTP	6.70	107.34	543.9	3.46	12.10
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
503	67	FORD	CUST	390.	COLD TRANS	6.64	103.43	546.8	5.40	12.15
					COLD STAB	4.96	67.37	520.8	5.00	13.82
IHC = 0600 PPM HEXANE					HOT TRANS	4.75	38.10	505.9	6.77	15.28
ICO (ACT) = 10.00 % CO					72 FTP	5.76	84.63	533.2	5.19	12.97
ICO (SPEC) = 99.99 % CO					75 FTP	5.25	66.81	522.1	6.11	13.79
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
504	67	LINC	CONT	462.	COLD TRANS	7.03	184.37	698.0	1.67	8.79
					COLD STAB	4.60	114.32	625.5	1.53	10.83
IHC = 0525 PPM HEXANE					HOT TRANS	4.38	119.81	611.5	1.92	10.91
ICO (ACT) = 04.00 % CO					72 FTP	5.76	147.85	660.2	1.69	9.74
ICO (SPEC) = 02.00 % CO					75 FTP	5.04	130.24	636.6	1.71	10.35
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AROMATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
505	66	OLDS	TORO	425.	COLD TRANS	7.22	45.25	661.2	6.31	11.75
					COLD STAB	8.66	109.85	600.2	2.29	11.09
IHC = 0315 PPM HEXANE					HOT TRANS	7.11	65.27	554.2	5.86	13.06
ICO (ACT) = 02.20 % CO					72 FTP	7.97	78.93	629.4	4.21	11.40
ICO (SPEC) = 02.25 % CO					75 FTP	7.94	64.39	600.2	4.09	11.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
506	66	PLYM	BARR	273.	COLD TRANS	32.16	82.42	423.7	4.23	13.55
					COLD STAB	33.47	123.88	346.2	2.44	13.72
IHC = 2000 PPM HEXANE					HOT TRANS	29.17	79.28	380.7	3.99	14.84
ICO (ACT) = 10.00 % CO					72 FTP	32.84	104.03	383.3	3.29	13.63
ICO (SPEC) = 01.30 % CO					75 FTP	32.03	103.18	371.6	3.23	13.97
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
507	66	PLYM	FURY	383.	COLD TRANS	11.43	219.52	436.6	1.88	10.85
					COLD STAB	5.62	83.59	499.0	3.04	13.69
IHC = 0300 PPM HEXANE					HOT TRANS	4.65	48.09	475.6	6.67	15.67
ICO (ACT) = 00.65 % CO					72 FTP	8.40	148.65	469.1	2.49	12.17
ICO (SPEC) = 01.30 % CO					75 FTP	6.61	101.68	474.8	3.79	13.43
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
508	66	PONT	LEMA	326.	COLD TRANS	8.89	98.75	508.5	2.90	12.83
					COLD STAB	9.48	137.02	447.0	1.59	12.62
IHC = 1260 PPM HEXANE					HOT TRANS	7.09	81.35	443.0	3.00	14.96
ICO (ACT) = 09.25 % CO					72 FTP	9.20	118.70	476.4	2.21	12.82
ICO (SPEC) = 99.99 % CO					75 FTP	8.71	113.95	458.6	2.24	13.34
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE,
4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & AMPHATIC ALDEHYDES

APPENDIX C (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECONOMY
509	65	PONT	CATA	389.	COLD TRANS	5.70	108.14	467.8	4.63	13.53
					COLD STAB	6.47	113.62	417.6	2.30	14.39
IHC = 0860 PPM HEXANE					HOT TRANS	3.94	62.31	415.0	4.78	16.69
ICO (ACT) = 02.80 % CO					72 FTP	6.11	111.00	441.6	3.41	13.97
ICO (SPEC) = 03.80 % CO					75 FTP	5.62	98.49	427.2	3.46	14.80
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0
510	67	PONT	CATA	400.	COLD TRANS	6.70	77.53	500.7	4.77	13.79
					COLD STAB	7.03	114.67	431.7	2.50	13.99
IHC = 0525 PPM HEXANE					HOT TRANS	5.27	57.08	406.5	4.29	17.30
ICO (ACT) = 02.70 % CO					72 FTP	6.87	97.00	464.7	3.58	13.69
ICO (SPEC) = 02.80 % CO					75 FTP	6.48	91.42	439.0	3.45	14.71
OTHER TESTS:					HFET	0.0	0.0	0.0	0.0	0.0

EXHAUST EMISSIONS REPORTED IN GRAMS PER MILE / FUEL ECONOMY IN MILES PER GALLON.
OTHER TESTS: 1 = HIGHWAY FUEL ECONOMY, 2 = MODAL EMISSIONS, 3 = CLAYTON KEY MODE & REPLICATE, 4 = LOW SPEED CYCLE, 5 = HIGH SPEED CYCLE, 6 = LIGHT HYDROCARBONS & APIPHATIC ALDEHYDES

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY AND EMISSION RESULTS ON INDIVIDUAL VEHICLES

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APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY AND EMISSION
RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

VEHICLE	YEAR	MAKE	MODEL	CID	HC	CO	CO2	NOXC	MPG
6001	75	CHEV	G10V	350.	0.06	0.04	560.3	1.65	15.83
6002	75	CHEV	G10V	350.	0.06	0.0	462.8	3.37	19.17
6003	75	CHEV	G10V	350.	0.14	0.09	519.4	1.82	17.07
6004	75	CHEV	G10V	350.	0.12	0.05	571.6	2.00	15.52
6005	75	DODG	TRAD	318.	0.06	0.25	535.4	2.77	16.56
6006	75	FORD	F100	300.	0.12	1.25	498.8	1.26	17.71
6007	75	FORD	F100	302.	1.70	49.82	385.1	1.05	18.93
6008	75	FORD	ECON	351.	0.15	0.34	616.4	3.56	14.38
6009	75	FORD	F100	351.	0.20	0.81	569.5	4.24	15.53
6010	75	GMC	SIER	350.	0.34	2.09	619.7	1.53	14.22
5011	75	AMC	PACE	258.	0.05	1.23	533.2	1.47	16.58
5012	75	BUIC	CNTY	350.	0.11	1.55	477.5	5.92	18.48
5013	75	BUIC	ESTA	455.	0.08	2.07	632.2	1.78	13.96
5014	75	BUIC	REGA	350.	0.06	0.05	455.9	4.50	19.46
5015	75	CADI	DEVI	500.	0.07	0.28	646.1	2.40	13.72
5016	75	CHEV	MONZ	140.	0.05	0.0	354.9	8.07	25.00
5017	75	CHEV	CAMA	250.	0.06	0.0	465.7	1.64	19.05
5018	75	CHEV	MONT	350.	0.03	0.44	596.7	2.20	14.65
5019	75	CHEV	CAMA	350.	0.08	0.06	535.6	1.85	16.56
5020	75	CHEV	MONT	350.	0.05	0.02	516.2	2.37	17.12
5021	75	CHEV	IMPA	400.	0.04	0.45	558.9	1.64	15.86
5022	75	CHRY	NEWP	400.	0.03	0.22	537.5	4.52	16.50
5023	75	DODG	DART	318.	0.06	0.09	543.2	2.04	16.33
5024	75	DODG	DART	225.	0.09	0.17	429.2	1.49	20.65
5025	75	FORD	MUST	140.	0.04	0.29	355.1	1.57	24.90
5026	75	FORD	GRAN	302.	0.31	0.40	476.6	2.14	18.56
5027	75	FORD	GRAN	250.	0.07	0.11	461.7	2.69	19.21
5028	75	FORD	TORI	351.	0.10	0.40	605.7	5.09	14.61
5029	75	FORD	LTD	460.	0.01	0.21	693.6	1.27	12.79
5030	75	MERC	MARQ	400.	0.04	0.37	668.4	2.03	13.26

APPENDIX D (CONTD)

CALIFORNIA

VEHICLE	YEAR	MAKE	MODEL	CID	HC	CO	CO2	NOXC	MPG
5031	75	MERC	COUG	351.	0.18	4.99	597.2	2.34	14.66
5032	75	OLDS	CUTL	350.	0.76	21.70	466.3	1.32	17.58
5033	75	OLDS	CUTL	350.	0.04	0.05	462.3	1.90	19.19
5034	75	OLDS	DELT	455.	0.07	0.31	631.7	2.64	14.05
5035	75	PLYM	FURY	318.	0.12	0.29	470.8	3.59	18.82
5036	75	PLYM	DUST	225.	0.05	0.08	350.0	6.35	25.34
5037	75	PONT	CATA	400.	0.08	0.0	537.3	6.35	16.51
5038	75	PONT	VENT	350.	0.03	0.28	549.3	1.68	16.14
5039	75	PONT	GRNV	455.	0.05	0.11	813.4	3.60	10.91
5040	76	CAPR	11	140.	0.23	4.93	315.3	1.95	27.41
5041	75	DATS	B210	85.	0.13	0.78	268.5	3.40	32.66
5042	75	HOND	CVCC	91.	0.05	1.95	247.3	3.17	35.43
5043	75	TOYO	COHC	133.	0.04	0.10	328.9	4.19	26.96
5044	75	VOLK	SEDA	97.	0.05	0.57	280.2	2.01	31.56
5045	75	VOLK	RABB	90.	0.43	17.67	332.3	1.42	24.55

EMISSION RESULTS IN GRAMS PER MILE.
FUEL ECONOMY IN MILES PER GALLON.

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY AND EMISSION RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

VEHICLE	YEAR	MAKE	MODEL	CID	HC	CO	CO2	NOXC	MPG
6001	75	CHEV	C10	350.	0.10	2.41	473.1	2.59	18.60
6002	75	CHEV	C10	350.	0.04	0.45	489.7	1.84	18.09
6003	75	CHEV	C10	350.	0.10	0.06	494.5	1.46	17.93
6004	75	GMC	1500	350.	0.10	0.02	494.3	6.24	17.94
6005	75	DODG	B100	318.	0.10	1.05	472.5	6.47	18.71
6006	75	FORD	F100	390.	0.49	3.48	551.7	1.49	15.89
6007	75	FORD	F100	302.	0.14	0.42	460.5	1.69	19.23
6008	75	FORD	F100	360.	0.18	4.77	526.7	2.61	16.60
6009	75	FORD	F100	360.	1.34	5.07	438.1	0.91	19.71
6010	75	GMC	C15	350.	0.12	1.93	449.1	1.92	19.61
5011	75	AMC	GREM	258.	0.46	3.57	371.3	2.52	23.46
5012	75	BUIC	REGA	350.	0.06	0.77	461.6	3.21	19.17
5013	75	BUIC	ELEC	455.	0.20	1.46	508.8	6.98	17.34
5014	75	BUIC	LESA	350.	0.08	0.24	459.0	2.41	19.31
5015	75	CADI	DEVI	500.	0.56	41.69	515.7	0.87	15.22
5016	75	CHEV	MONZ	140.	0.06	1.23	276.4	3.48	31.86
5017	75	CHEV	CAMA	250.	0.04	0.00	429.7	1.43	20.65
5018	75	CHEV	MALI	350.	0.30	7.86	423.5	2.02	20.32
5019	75	CHEV	MALI	350.	0.17	1.26	412.0	1.75	21.41
5020	75	CHEV	CHEL	350.	0.10	0.49	425.9	2.18	20.76
5021	75	CHEV	STAW	400.	1.15	0.09	561.1	5.31	15.71
5022	75	CHRY	CORD	400.	0.10	2.61	510.8	3.57	17.23
5023	75	DODG	CORO	318.	0.15	2.07	406.4	2.23	21.64
5024	75	DODG	DART	225.	0.23	1.70	357.2	1.94	24.62
5025	75	FORD	MUST	140.	0.18	0.24	297.1	3.44	29.77
5026	75	FORD	MUST	302.	1.44	18.49	439.5	2.47	18.76
5027	75	FORD	GRAN	250.	0.15	0.18	446.5	2.85	19.85
5028	75	FORD	CUST	351.	0.40	2.64	515.4	4.03	17.04
5029	75	FORD	LTD	400.	0.38	4.68	597.1	3.00	14.65
5030	75	MERC	MARQ	400.	0.39	4.69	547.6	2.57	15.96

APPENDIX D (CONTD)

ST. LOUIS

VEHICLE	YEAR	MAKE	MODEL	CID	HC	CO	CO2	NOXC	MPG
5031	75	MERC	MONT	351.	0.32	2.26	602.0	3.78	14.63
5032	75	OLDS	DELT	350.	0.10	0.80	476.9	2.01	18.55
5033	75	OLDS	DELT	350.	0.13	0.67	439.5	1.38	20.13
5034	75	OLDS	STAW	455.	0.16	1.77	542.1	2.69	16.27
5035	75	PLYM	FURY	318.	0.13	2.28	460.7	2.86	19.10
5036	75	PLYM	DUST	225.	0.53	17.38	303.8	1.68	26.67
5037	75	PONT	CATA	400.	0.05	0.08	514.9	2.81	17.23
5038	75	PONT	VENT	350.	0.11	2.07	454.8	2.09	19.36
5039	75	PONT	BONN	400.	0.10	2.22	580.1	1.83	15.20
5040	76	MERC	CAPR	140.	0.28	2.22	306.1	1.60	28.58
5041	75	DATS	B210	85.	0.99	3.96	251.1	3.58	34.08
5042	75	HOND	STAW	91.	0.04	1.11	252.8	1.66	34.85
5043	75	TOYO	CELI	133.	0.55	3.06	313.4	5.83	27.74
5044	75	VOLK	SEDA	97.	0.56	1.74	251.3	1.20	34.69
5045	75	VOLK	RABB	90.	0.17	0.62	281.4	2.43	31.37

EMISSION RESULTS IN GRAMS PER MILE.
FUEL ECONOMY IN MILES PER GALLON.

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

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APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

MODE NO.	VEH 6001 HC	YEAR 75. CO	MAKE CHEV CO2	MODL G10V NOX	CID 350. MPG	VEH 6002 HC	YEAR 75. CO	MAKE CHEV CO2	MODL G10V NOX	CID 350. MPG
1	0.69	14.08	1131.0	3.18	7.68	0.51	2.59	918.3	8.75	9.61
2	0.22	0.69	785.5	0.58	11.27	0.11	0.50	438.3	0.64	20.20
3	0.22	0.09	1334.1	2.15	6.65	0.69	1.12	879.6	2.23	10.05
4	0.22	0.50	863.5	1.98	10.26	0.54	0.95	561.3	3.25	15.72
5	0.10	0.48	615.9	1.73	14.38	0.12	0.26	491.2	5.65	16.04
6	0.13	0.47	410.7	0.46	21.55	0.95	0.16	393.9	1.27	22.35
7	0.19	0.89	790.2	2.89	11.20	0.19	0.23	668.4	10.44	13.26
8	0.18	1.81	476.4	0.90	18.50	0.57	0.17	431.0	3.67	20.50
9	0.11	0.62	673.0	2.89	13.16	0.09	0.21	512.3	8.02	17.30
10	0.15	0.73	419.0	0.62	21.10	0.17	0.28	370.9	2.00	23.87
11	0.25	26.24	807.9	3.31	10.44	0.46	33.13	664.0	10.15	12.03
12	0.18	0.95	514.1	0.98	17.19	0.22	0.25	464.7	3.19	19.0[illegible]
13	0.34	10.81	980.9	3.94	8.88	0.63	40.91	747.7	9.59	10.90
14	0.13	0.53	427.1	0.75	20.72	0.24	0.20	361.2	2.65	24.50
15	0.01	1.06	412.0	0.34	21.45	0.13	0.19	435.4	1.04	20.35
16	0.0	3.72	705.1	0.87	12.48	0.16	0.92	744.4	0.86	11.89
17	0.34	22.10	995.5	2.73	8.61	0.25	8.02	824.0	10.94	10.60
18	0.07	1.01	462.9	0.37	19.10	0.23	0.22	410.5	2.03	21.56
19	0.19	5.56	756.0	1.85	11.60	0.14	0.63	632.6	5.73	14.00
20	0.16	1.76	477.1	0.47	18.48	0.24	0.34	426.8	1.95	20.73
21	0.62	32.20	1085.2	3.86	7.80	0.99	51.44	756.7	7.57	10.56
22	0.18	0.60	502.5	0.95	17.61	0.14	0.30	404.1	3.01	21.91
23	0.33	6.86	1070.6	2.74	8.20	0.26	0.68	954.4	9.33	9.28
24	0.29	7.98	907.5	3.47	9.64	0.07	0.21	528.6	6.80	16.77
25	0.18	0.52	427.7	0.66	20.68	0.31	0.18	405.3	4.01	21.83
26	0.10	16.61	661.4	0.37	12.90	0.06	0.53	520.9	1.20	17.01
27	0.24	6.92	666.6	3.02	9.88	0.11	0.31	701.4	10.16	12.64
28	0.15	0.95	458.4	0.75	19.28	0.13	0.20	401.4	3.07	22.07
29	0.46	13.44	1023.0	2.47	8.49	0.23	0.35	813.4	4.61	10.89
30	0.24	4.10	915.2	4.12	9.62	0.07	0.12	543.4	6.27	16.32
31	0.19	0.39	517.6	1.08	17.11	0.34	0.10	464.3	4.54	19.07
32	0.06	1.62	515.8	0.47	17.12	0.11	0.26	532.5	0.99	16.64

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6001	75.	CHEV	G10V	350.	6002	75.	CHEV	G10V	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.18	3.94	670.1	1.83	13.11	0.19	4.88	546.7	5.29	15.44
BAG (CALC)	0.19	4.22	681.2	1.83	12.89	0.19	5.33	546.7	5.66	15.97
33	0.04	0.0	92.6	0.03	95.89	0.05	0.0	83.4	0.03	106.25
34	0.50	0.03	1117.7	0.39	7.93	1.24	0.0	984.2	0.39	8.98
35	0.22	0.0	681.2	0.39	13.41	0.71	0.0	612.7	0.24	14.43
36	0.39	0.0	744.0	0.40	11.91	0.40	0.0	655.1	0.32	13.52
37	0.05	0.0	478.2	0.43	18.55	0.04	0.0	607.3	1.55	14.61
38	0.05	0.0	512.5	0.85	17.31	0.04	0.0	415.1	1.94	21.37
39	0.04	0.00	567.5	1.95	15.64	0.03	0.02	484.9	5.26	18.30

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6003	75.	CHEV	G10V	350.	6004	75.	CHEV	G10V	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.45	0.98	1229.0	4.62	7.20	0.35	C.0	1310.2	4.52	6.77
2	0.40	0.35	402.7	0.18	21.94	0.15	0.0	446.3	0.58	19.66
3	0.76	0.98	1545.2	2.02	5.73	0.67	0.0	1491.0	2.79	5.94
4	0.26	0.41	872.7	2.24	10.15	0.17	0.0	991.6	2.44	8.95
5	0.17	0.49	727.5	2.98	12.16	0.20	0.0	805.0	2.63	11.02
6	0.53	0.19	343.3	0.23	25.71	0.31	0.0	335.0	0.51	26.42
7	0.82	15.32	949.5	3.70	9.09	0.33	1.34	1108.6	4.47	7.96
8	0.38	0.22	421.5	0.80	20.98	0.22	0.0	408.8	0.97	21.67
9	0.15	0.27	721.0	4.12	12.29	0.16	0.06	842.7	3.43	10.53
10	0.39	0.22	345.9	0.43	25.54	0.15	0.0	366.3	0.67	24.07
11	0.48	4.90	982.5	5.73	8.95	0.25	0.26	1042.3	4.00	8.12
12	0.46	0.28	402.2	0.48	21.97	0.16	0.0	379.3	0.69	23.36
13	0.38	3.92	932.9	5.31	9.44	0.21	0.04	1002.0	3.93	8.65
14	0.33	0.19	402.2	0.72	21.99	0.16	0.0	466.4	0.81	19.26
15	0.39	0.36	377.2	0.50	23.42	0.10	0.0	530.1	0.67	16.73
16	0.49	0.45	869.2	0.50	10.18	0.20	0.0	1009.8	1.24	8.78
17	0.22	0.43	863.7	4.12	10.26	0.25	0.0	496.2	3.09	8.90
18	0.40	0.26	411.0	0.37	21.50	0.16	0.0	439.5	0.53	20.17
19	0.21	0.43	776.2	3.57	11.41	0.20	1.22	824.8	2.79	10.73
20	0.52	0.36	480.1	0.35	18.40	0.22	0.0	474.3	0.47	18.66
21	0.56	10.76	1061.8	5.13	8.21	0.31	2.51	1127.5	4.71	7.84
22	0.43	0.26	466.8	0.85	18.94	0.18	0.01	524.4	0.72	16.91
23	0.32	3.16	902.1	2.86	9.77	0.17	0.0	1153.7	3.77	7.69
24	0.18	0.41	625.3	3.75	14.17	0.17	0.0	714.9	2.69	12.41
25	0.33	0.23	476.8	1.10	18.48	0.19	0.0	517.8	1.05	17.12
26	0.50	0.44	673.1	0.84	13.14	0.16	0.0	634.3	0.79	13.98
27	0.17	1.48	796.5	4.49	11.10	0.20	0.06	880.4	3.04	10.00
28	0.39	0.28	469.6	0.74	18.83	0.16	0.0	549.2	0.86	16.14
29	0.34	1.09	834.5	2.00	10.80	0.16	0.0	954.2	2.57	9.30
30	0.28	0.70	637.7	4.02	13.87	0.21	0.02	702.7	2.64	11.33
31	0.36	0.24	581.8	1.34	15.22	0.16	0.00	478.8	1.21	16.59
32	0.53	0.46	568.3	0.93	15.55	0.20	0.14	546.7	0.53	16.21

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6003	75.	CHEV	G10V	350.	6004	75.	CHEV	G10V	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.29	1.52	650.4	2.23	13.58	0.15	0.09	657.9	2.03	13.48
BAG (CALC)	0.30	1.43	639.5	2.29	13.61	0.17	0.11	665.7	2.06	12.93
33	0.04	0.00	94.2	0.05	94.08	0.04	0.0	84.6	0.11	104.81
34	1.06	0.0	1148.2	0.58	7.71	6.40	5.75	998.6	0.59	8.63
35	0.56	0.01	540.0	0.29	15.00	1.40	2.75	592.1	0.39	14.77
36	0.28	0.0	467.4	0.38	18.45	0.36	0.65	589.5	0.52	15.00
37	0.16	0.01	400.6	1.30	22.13	0.82	0.01	521.2	0.65	16.94
38	0.28	0.06	496.0	0.99	17.86	0.16	0.0	527.2	1.23	16.82
39	0.06	0.08	533.1	2.07	16.64	0.09	0.03	584.1	2.85	15.19

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6005	75.	DODG	TRAD	318.	6006	75.	FORD	F100	300.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.49	4.90	1413.9	6.47	6.24	3.10	66.00	1000.1	2.90	7.57
2	0.30	0.18	423.2	1.18	20.91	0.48	0.32	496.0	0.64	17.62
3	0.50	2.04	1570.4	5.31	5.63	0.37	2.21	1006.7	5.77	8.78
4	0.13	0.34	933.6	5.05	9.50	1.00	22.09	753.1	2.35	11.22
5	0.11	0.60	836.7	3.75	10.59	0.41	8.55	523.0	1.85	16.50
6	0.18	0.16	284.3	0.49	30.59	1.23	0.34	383.5	0.64	22.88
7	0.32	7.06	979.6	6.46	8.95	0.60	13.22	632.9	3.04	13.54
8	0.14	0.10	292.8	0.48	30.25	0.87	0.61	422.4	1.60	20.83
9	0.07	0.49	805.7	4.42	11.60	0.28	5.46	615.4	2.01	14.20
10	0.12	0.16	300.3	0.51	29.49	1.00	0.52	356.4	0.65	24.82
11	0.13	0.41	970.5	6.32	9.13	0.66	15.18	776.7	2.56	11.06
12	0.15	0.18	316.9	0.43	27.94	1.29	0.52	425.6	0.63	20.82
13	0.09	0.36	1003.7	6.40	8.84	0.74	12.91	736.2	2.55	11.70
14	0.10	0.11	267.0	0.50	33.18	0.98	0.57	434.2	0.93	20.25
15	0.07	0.23	292.5	0.97	30.29	0.16	0.36	425.3	0.68	20.82
16	0.38	13.02	829.1	1.75	10.43	0.43	0.66	1056.1	0.99	8.38
17	0.15	1.70	1102.1	5.70	8.03	1.29	22.52	657.1	1.94	12.74
18	0.15	0.15	255.3	0.53	34.66	1.36	0.53	415.3	0.80	21.11
19	0.11	0.31	1015.8	6.38	8.73	0.83	16.56	562.5	1.83	15.01
20	0.25	0.19	346.5	0.52	25.53	1.14	0.50	462.6	0.94	19.01
21	0.43	15.13	1108.5	7.04	7.83	1.56	22.11	733.2	3.26	11.46
22	0.15	0.16	333.2	0.40	26.58	1.08	0.57	477.2	0.91	18.44
23	0.21	4.51	1209.3	6.46	7.29	1.34	35.50	814.4	2.29	10.16
24	0.08	0.73	835.6	5.64	10.60	0.30	4.42	541.3	1.61	16.16
25	0.15	0.10	254.9	0.35	34.73	1.11	0.70	507.4	1.17	17.33
26	0.15	0.22	435.5	0.80	20.34	0.54	0.55	674.3	1.67	13.11
27	0.08	0.80	936.2	5.47	9.46	0.56	11.68	650.7	1.76	13.23
28	0.15	0.19	308.3	0.55	28.72	1.07	0.70	480.0	1.00	18.52
29	0.16	3.23	1061.7	6.13	8.16	1.10	14.74	746..	1.74	10.66
30	0.18	2.19	880.2	6.45	10.27	0.54	5.42	527.4	1.48	16.53
31	0.13	0.17	240.2	0.38	35.95	1.00	0.81	534.1	1.29	16.48
32	0.15	0.47	381.9	0.95	23.17	0.52	0.64	495.4	1.46	17.62

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6005	75.	DODG	TRAD	318.	6006	75.	FORD	F100	300.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.14	1.09	631.8	2.75	14.00	0.60	5.97	560.2	1.50	15.53
BAG (CALC)	0.13	1.23	631.8	2.72	14.00	0.63	5.08	566.5	1.56	15.34
33	0.27	0.03	109.9	0.13	80.06	0.02	0.0	74.3	0.03	111.76
34	2.85	0.24	1338.0	2.16	6.59	0.54	0.0	966.5	0.39	9.15
35	0.81	0.18	810.5	1.28	10.91	0.10	0.18	938.4	0.97	9.45
36	0.14	0.12	635.5	1.18	13.95	0.11	0.82	976.6	2.12	9.07
37	0.11	0.06	405.3	2.52	21.87	0.08	0.74	687.5	1.15	12.88
38	0.06	0.08	418.5	3.16	21.19	0.06	0.39	442.1	1.21	20.04
39	0.05	0.09	496.8	3.13	17.85	0.05	1.04	525.8	1.43	16.82

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID
	6007	75.	FORD	F100	302.
MODE NO.	HC	CO	CO2	NOX	MPG
1	4.34	125.39	801.8	2.97	6.76
2	1.91	36.10	366.0	0.35	20.55
3	5.02	156.49	851.4	2.37	7.47
4	2.47	73.75	606.1	1.10	12.16
5	2.25	75.67	535.6	1.89	13.41
6	1.34	13.11	291.0	0.33	28.10
7	2.82	113.58	647.7	4.45	10.63
8	1.27	22.32	297.3	0.94	26.36
9	2.06	54.15	518.0	3.84	14.56
10	1.83	22.99	253.2	0.63	30.06
11	2.93	90.04	665.2	5.57	10.62
12	2.57	29.68	271.6	0.60	27.18
13	2.85	83.22	694.5	4.42	10.64
14	1.84	25.47	276.3	0.75	27.55
15	0.70	20.47	352.4	0.42	22.44
16	2.15	43.66	587.4	0.37	13.39
17	3.06	109.58	650.8	2.60	10.66
18	2.18	23.04	308.6	0.44	25.23
19	2.18	81.66	580.5	1.98	12.40
20	2.99	28.10	268.7	0.59	25.92
21	3.36	131.37	735.9	4.36	9.31
22	2.34	33.60	279.8	0.75	26.10
23	3.36	124.61	661.8	1.54	10.22
24	1.88	58.06	519.7	2.44	14.39
25	1.55	34.47	282.1	1.18	26.01
26	1.35	34.11	452.0	0.79	17.41
27	2.63	80.12	593.1	3.11	12.05
28	2.42	39.15	313.2	0.89	23.21
29	2.46	115.84	577.0	0.88	11.55
30	1.92	62.44	555.5	2.50	13.46
31	1.65	43.45	336.2	1.30	21.62
32	1.34	16.08	309.5	0.53	22.24

	VEH	YEAR	MAKE	MODL	CID
	6006	75.	FORD	ECON	351.
	HC	CO	CO2	NOX	MPG
	0.95	2.52	1230.4	9.36	7.17
	0.06	0.04	726.9	0.82	12.21
	0.73	3.20	1567.4	4.84	5.53
	0.00	2.56	852.4	5.89	10.34
	0.46	1.24	712.7	5.97	12.39
	0.58	0.14	450.9	1.81	19.59
	0.35	3.46	1013.3	5.47	8.70
	1.42	0.02	487.1	2.11	18.02
	0.19	0.90	695.4	5.26	12.73
	0.4	0.25	454.5	1.66	19.46
	0.25	5.66	1017.4	5.21	8.64
	0.00	0.39	440.3	1.78	18.00
	0.24	2.99	945.7	5.38	9.33
	0.39	0.34	491.3	1.76	18.00
	0.0	0.21	531.3	0.80	18.69
	0.08	0.76	1202.6	2.24	7.37
	0.50	4.66	920.8	5.65	9.54
	0.10	0.19	523.8	1.43	16.92
	0.50	4.83	799.2	4.48	10.87
	0.28	0.34	660.2	1.62	13.41
	0.45	14.35	1061.8	5.35	8.17
	0.54	0.54	641.0	1.87	12.79
	0.88	24.96	1072.4	4.44	7.91
	0.19	1.26	710.2	3.74	12.45
	0.39	0.50	576.1	2.34	15.35
	0.0	0.41	886.5	1.54	10.01
	0.27	2.84	831.9	4.57	10.00
	0.22	0.47	616.4	1.95	14.56
	0.58	20.62	958.5	3.51	8.59
	0.19	1.93	764.4	3.05	11.47
	0.49	0.56	621.8	2.58	14.42
	0.04	0.40	711.7	1.16	12.46

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6007	75.	FORD	F100	302.	6008	75.	FORD	ECON	351.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	2.23	59.64	456.7	1.95	15.92	0.29	2.29	715.0	3.36	12.53
BAG (CALC)	2.25	56.18	453.8	2.07	16.07	0.26	2.38	684.4	3.36	12.88
33	0.49	16.18	54.7	0.03	108.63	0.08	0.02	101.4	0.36	54.86
34	5.78	180.98	677.3	0.39	9.06	0.75	0.16	1956.0	3.13	4.53
35	2.50	61.44	393.3	0.19	17.83	0.34	0.07	493.8	1.46	8.97
36	0.60	4.14	405.6	0.32	21.44	0.21	0.05	662.7	0.98	13.36
37	0.17	1.77	402.4	0.08	21.86	0.06	0.09	562.2	1.69	15.75
38	1.14	29.23	306.8	0.54	21.22	0.06	0.18	540.7	3.40	16.40
39	1.60	53.16	347.7	1.67	18.25	0.06	0.31	618.1	3.94	14.34

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID
	6009	75.	FORD	F100	351.

MODE NO.	HC	CO	CO2	NOX	MPG
1	1.06	3.57	1077.9	14.31	8.17
2	0.77	0.11	555.1	0.52	15.91
3	0.79	1.04	1341.6	6.18	6.36
4	0.55	0.74	606.2	7.34	10.97
5	0.53	1.96	747.0	8.10	11.81
6	1.75	0.22	362.5	1.09	24.09
7	0.74	6.89	967.7	14.02	9.05
8	1.21	0.39	384.1	1.78	22.84
9	0.42	2.63	762.7	11.23	11.55
10	0.91	0.30	396.3	1.38	22.21
11	0.55	4.06	895.1	14.34	9.83
12	1.29	0.38	478.6	1.40	18.36
13	0.50	2.57	909.4	13.65	9.69
14	0.95	0.49	436.4	2.53	20.16
15	0.46	0.13	471.5	0.42	18.76
16	0.42	0.07	1347.5	1.73	6.56
17	0.67	2.17	875.7	10.21	10.07
18	1.27	0.30	475.7	1.32	18.48
19	0.57	1.78	784.2	9.64	11.47
20	1.24	0.31	528.2	1.09	16.66
21	0.66	4.93	957.4	14.92	9.18
22	1.19	0.48	464.9	2.19	18.71
23	0.62	1.29	1017.5	8.25	8.69
24	0.38	2.01	666.7	6.79	12.84
25	1.22	0.57	505.4	3.04	17.40
26	0.56	0.26	914.6	1.21	9.68
27	0.48	2.27	784.9	10.90	11.45
28	0.95	0.50	527.3	2.50	16.71
29	0.47	0.63	834.7	6.90	10.80
30	0.46	2.52	676.4	9.87	13.13
31	1.32	0.57	813.4	3.04	14.35
32	0.45	0.21	695.3	0.71	12.73

	VEH	YEAR	MAKE	MODL	CID
	6010	75.	GMC	SIER	350.

MODE NO.	HC	CO	CO2	NOX	MPG
1	2.53	174.09	1307.7	3.50	5.58
2	0.08	2.32	491.6	0.29	17.91
3	0.34	26.35	1524.1	3.65	5.67
4	0.34	36.16	997.2	1.68	8.39
5	0.81	73.66	856.4	2.24	9.09
6	0.13	0.58	347.7	0.51	25.43
7	2.81	237.69	853.1	3.22	7.16
8	0.29	0.87	442.7	0.90	19.94
9	1.01	96.84	870.9	2.31	8.62
10	0.18	1.06	394.2	0.74	22.39
11	2.41	186.29	983.2	3.02	8.91
12	0.17	1.53	423.9	0.63	20.80
13	2.52	169.68	948.2	3.09	7.26
14	0.09	0.95	455.1	0.87	19.43
15	0.03	1.85	414.2	0.67	21.27
16	0.0	4.71	1062.5	0.37	8.14
17	1.92	136.45	1098.3	3.06	6.73
18	0.03	1.48	401.5	0.53	21.97
19	0.92	80.53	917.7	2.48	8.40
20	0.09	1.64	440.1	0.51	18.01
21	3.90	266.44	972.1	3.14	6.33
22	0.20	1.74	478.4	0.66	18.42
23	1.62	80.72	1213.3	2.68	8.16
24	1.20	98.84	1236.0	2.19	8.39
25	0.08	0.90	498.8	1.31	17.73
26	0.04	3.49	811.9	0.97	14.37
27	1.82	128.44	898.1	2.55	8.03
28	0.12	1.38	536.2	1.06	16.47
29	0.27	19.23	1073.8	1.57	8.41
30	1.47	124.24	720.0	2.64	9.64
31	0.16	0.75	513.4	1.41	17.23
32	0.22	2.41	566.9	1.29	15.01

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6009	75.	FORD	F100	351.	6010	75.	GMC	SIER	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.60	1.33	657.4	5.78	13.42	0.83	50.41	661.3	1.77	11.63
BAG (CALC)	0.58	1.43	660.2	6.15	13.36	0.81	53.26	706.4	1.82	11.20
33	0.12	0.0	125.4	0.19	70.55	0.02	0.19	109.8	0.03	80.55
34	2.30	0.0	1487.1	1.55	5.94	2.32	0.24	1940.8	3.92	4.56
35	0.83	0.0	770.7	1.08	11.48	0.51	0.0	780.0	0.39	11.35
36	0.40	0.0	567.8	0.71	15.07	0.79	0.28	631.3	0.65	13.99
37	0.13	0.06	509.4	0.74	17.41	0.22	0.04	506.5	1.04	17.50
38	0.14	0.36	502.6	2.59	17.62	0.20	0.08	519.6	1.51	17.06
39	0.05	0.58	594.7	5.47	14.90	0.19	0.27	656.0	2.21	13.51

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5011	75.	AMC	PACE	258.	5012	75.	BUIC	CNTY	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.16	19.63	1118.8	3.43	7.72	2.11	64.20	1320.5	12.78	6.21
2	0.0	0.39	301.2	0.58	29.41	1.44	51.69	340.8	0.41	18.62
3	0.0	9.91	1202.5	2.99	7.29	5.15	165.74	1265.5	4.83	5.75
4	0.02	3.64	761.6	2.68	11.27	1.63	49.33	911.0	7.60	8.93
5	0.01	0.97	678.7	2.62	13.05	0.57	9.56	718.5	8.00	12.07
6	0.08	1.86	254.2	0.48	34.49	0.39	9.83	254.3	0.28	32.75
7	1.89	137.60	713.2	4.28	9.48	2.57	149.81	906.2	6.94	7.72
8	0.15	2.80	343.7	0.84	25.46	0.82	8.25	317.5	1.39	26.65
9	0.57	54.06	624.9	2.34	12.47	0.14	0.44	743.3	8.75	11.92
10	0.0	0.52	315.2	0.62	28.09	0.63	16.62	287.8	0.94	28.16
11	1.10	112.21	775.7	3.67	9.29	0.38	8.58	1059.9	13.51	8.28
12	0.17	2.68	346.1	0.63	25.29	0.68	20.21	321.6	1.06	24.92
13	0.77	102.35	722.6	2.83	10.02	0.44	11.67	999.4	13.44	8.71
14	0.01	1.09	300.8	0.82	22.64	0.51	12.52	329.4	1.08	25.31
15	0.04	1.45	341.2	0.71	25.63	1.35	36.75	301.6	1.21	20.95
16	0.0	2.19	534.5	0.99	16.50	4.00	156.09	951.1	0.50	7.34
17	0.28	46.13	786.5	2.11	10.32	1.04	29.04	1034.7	11.28	8.19
18	0.08	2.11	329.5	0.62	26.65	0.69	26.83	329.7	0.96	25.53
19	0.40	49.51	623.9	2.09	12.63	0.99	31.06	818.6	10.33	10.20
20	0.11	2.41	357.5	0.63	24.55	0.99	36.17	410.5	1.22	18.74
21	1.52	144.03	766.0	4.82	8.90	1.24	61.69	1086.2	9.97	7.46
22	0.02	0.49	400.6	0.77	22.11	0.42	27.65	376.2	0.83	21.00
23	0.06	7.88	885.8	3.05	9.88	2.12	77.09	986.6	8.03	8.01
24	0.35	39.84	549.4	2.10	13.36	0.42	12.77	690.0	8.60	12.46
25	0.11	2.34	450.6	0.88	19.52	0.67	12.70	374.0	1.03	22.41
26	0.0	0.38	535.1	0.97	16.57	1.63	62.06	564.7	0.61	13.30
27	0.17	35.44	695.3	2.60	11.61	0.62	17.69	871.6	11.09	9.84
28	0.01	0.30	430.9	0.68	20.57	0.77	26.47	486.5	0.97	19.56
29	0.02	3.23	696.9	2.45	14.64	2.53	91.24	802.5	8.66	9.30
30	0.77	76.42	517.4	3.07	12.67	0.56	14.43	720.4	8.34	11.78
31	0.16	2.87	512.4	0.93	17.15	0.68	14.75	426.9	1.48	19.63
32	0.03	1.04	478.6	0.88	18.47	1.60	66.70	496.2	0.53	14.64

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5011	75.	AMC	PACE	258.	5012	75.	BUIC	CNTY	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.22	25.67	546.7	1.70	15.10	0.76	31.21	591.3	4.66	13.61
BAG (CALC)	0.23	24.95	549.5	1.73	15.06	0.79	29.24	613.5	4.83	13.41
33	0.01	0.0	57.6	0.08	154.06	0.41	0.13	111.9	0.11	72.26
34	0.19	0.0	862.7	0.78	10.26	4.71	54.42	1364.7	1.17	6.05
35	0.15	0.0	551.3	0.78	16.09	0.19	1.00	867.1	0.76	10.21
36	0.12	0.0	423.9	0.58	20.92	1.06	11.64	529.2	0.45	16.16
37	0.01	0.0	463.9	0.81	19.13	0.09	0.12	394.9	1.07	22.45
38	0.01	0.02	526.3	0.73	16.86	0.07	0.01	429.6	2.73	20.64
39	0.02	0.01	546.2	2.22	14.89	0.05	0.09	496.3	4.37	17.87

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5013	75.	BUIC	ESTA	455.	5014	75.	BUIC	REGA	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.47	18.31	1393.7	8.77	6.23	0.89	0.33	1486.2	18.18	5.96
2	0.01	0.50	663.6	0.41	13.36	0.00	0.28	350.7	0.76	22.69
3	0.25	6.43	1665.8	2.91	4.73	0.27	0.72	1563.6	14.58	5.67
4	0.20	3.53	922.4	3.81	9.56	0.42	0.31	927.5	14.54	9.55
5	0.13	1.84	873.8	5.96	10.12	0.16	0.23	842.4	9.99	10.52
6	0.19	0.06	441.2	0.28	20.09	0.05	0.23	237.3	0.89	37.32
7	1.18	61.03	1068.8	11.95	7.60	0.52	9.16	1072.6	15.58	8.15
8	0.20	0.01	426.2	0.75	20.79	0.05	0.17	245.7	1.78	36.05
9	0.09	0.08	822.7	9.68	10.78	0.06	0.18	834.2	11.35	10.83
10	0.09	0.0	413.0	0.53	21.47	0.03	0.15	253.3	1.23	34.99
11	0.14	1.50	1174.5	13.05	7.54	0.17	0.20	1037.1	16.14	8.55
12	0.13	0.39	465.5	0.66	19.03	0.02	0.14	247.5	0.98	35.82
13	0.13	2.33	1135.2	12.07	7.79	0.13	0.23	1085.2	15.80	8.17
14	0.09	0.39	460.1	0.94	19.25	0.01	0.15	230.3	1.24	37.52
15	0.01	1.62	558.7	0.42	15.81	0.0	0.25	273.2	0.71	32.44
16	0.0	2.61	1293.3	1.99	6.84	0.0	0.45	736.9	1.12	12.03
17	0.18	4.47	1095.2	9.10	8.05	0.50	0.27	1146.2	15.09	7.72
18	0.05	0.36	464.0	0.40	19.10	0.01	0.13	216.9	0.62	40.66
19	0.18	7.54	975.6	7.79	8.98	0.50	0.19	1106.2	16.50	8.00
20	0.08	0.84	569.2	0.55	15.55	0.01	0.41	278.7	0.71	31.77
21	0.27	14.02	1286.0	12.67	6.76	0.61	7.46	1263.5	19.88	6.84
22	0.12	0.68	523.0	1.04	16.92	0.03	0.10	262.9	1.06	31.35
23	0.16	5.96	1141.8	5.61	7.71	0.24	0.30	1265.3	14.76	6.90
24	0.14	2.80	828.6	7.28	10.65	0.12	0.16	906.8	13.01	9.78
25	0.13	0.40	533.9	1.26	16.59	0.04	0.11	210.8	1.09	42.05
26	0.04	2.01	797.8	0.73	11.06	0.02	1.07	372.6	0.97	23.71
27	0.11	2.06	952.8	9.22	9.28	0.21	0.33	1004.4	13.41	8.63
28	0.14	0.63	503.8	1.15	17.57	0.04	0.12	260.2	1.35	31.04
29	0.13	3.75	1062.3	3.52	8.31	0.21	0.13	1122.4	13.01	7.90
30	0.12	2.23	828.3	7.26	10.66	0.23	0.18	906.4	15.42	8.99
31	0.14	0.61	530.4	1.63	16.67	0.05	0.11	195.6	0.85	45.30
32	0.08	3.24	755.6	0.77	11.66	0.02	0.32	355.2	0.82	24.95

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5013	75.	BUIC	ESTA	455.	5014	75.	BUIC	REGA	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.14	3.00	750.0	4.14	11.75	0.13	0.53	591.6	6.89	14.97
BAG (CALC)	0.12	3.10	755.6	4.46	11.67	0.11	0.60	613.8	6.57	14.43
33	0.02	0.0	135.2	0.11	65.59	0.03	0.00	89.3	0.07	99.25
34	0.38	0.13	1606.3	0.98	5.52	1.44	1.70	1110.4	0.59	7.94
35	0.27	0.30	800.9	0.49	11.06	0.25	1.20	797.8	0.54	11.09
36	0.11	0.12	703.9	0.85	12.60	0.02	0.28	519.4	0.46	17.04
37	0.28	0.10	591.2	0.33	14.99	0.06	0.01	362.7	1.27	24.46
38	0.07	0.0	597.7	0.60	14.84	0.06	0.00	409.5	3.16	21.66
39	0.22	11.57	626.8	2.22	13.75	0.04	0.0	468.3	5.33	18.95

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5015	75.	CADI	DEVI	500.	5016	75.	CHEV	MONZ	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.40	4.79	1921.5	3.99	4.60	0.21	0.30	1009.8	10.25	8.78
2	0.0	1.03	541.9	0.70	16.33	0.04	0.21	292.8	1.11	30.27
3	0.33	2.11	2080.0	3.55	4.26	0.18	0.33	996.2	6.05	8.90
4	0.31	0.83	1154.4	2.70	7.67	0.15	0.23	618.3	8.81	14.34
5	0.27	0.59	979.2	2.63	9.05	0.11	0.11	545.7	9.00	16.25
6	0.06	0.53	594.2	0.84	22.46	0.03	0.09	199.9	2.54	44.36
7	1.02	172.65	1284.1	3.42	5.69	0.16	0.78	805.2	10.84	11.00
8	0.06	0.19	442.7	1.26	20.02	0.01	0.09	255.5	4.02	37.66
9	0.21	47.74	1065.7	2.46	7.78	0.09	0.09	598.5	8.82	14.82
10	0.01	0.53	385.0	0.69	23.00	0.02	0.10	213.7	3.24	41.49
11	0.43	108.91	1431.3	2.93	5.53	0.09	0.21	752.1	9.75	11.74
12	0.0	0.75	473.4	1.09	18.70	0.01	0.16	241.3	3.23	36.74
13	0.32	85.27	1366.9	2.87	5.91	0.06	0.30	755.9	9.58	11.73
14	0.00	0.32	451.1	1.26	19.65	0.02	0.10	222.3	4.25	39.69
15	0.0	0.67	498.7	0.84	17.76	0.02	0.16	255.3	1.65	34.72
16	0.0	2.04	975.6	1.86	9.07	0.04	0.61	551.5	0.75	16.66
17	0.18	12.23	1347.9	3.00	6.26	0.10	0.21	771.0	9.72	11.50
18	0.0	0.83	452.0	0.81	19.58	0.01	0.15	224.8	2.40	39.44
19	0.19	24.92	1301.4	2.64	6.62	0.11	0.19	660.3	9.11	13.43
20	0.01	0.70	516.5	1.02	17.15	0.02	0.31	273.5	2.69	32.36
21	0.87	190.23	1300.6	3.50	5.54	0.15	3.03	682.7	10.14	10.00
22	0.01	1.15	481.1	1.35	18.38	0.01	0.18	260.4	3.84	34.64
23	0.12	1.94	1381.0	3.51	6.41	0.11	0.40	885.7	9.70	10.03
24	0.15	46.11	957.5	2.43	8.61	0.08	0.07	575.9	8.23	15.40
25	0.02	0.77	536.2	1.54	16.51	0.02	0.05	288.2	4.66	33.32
26	0.0	0.67	821.6	1.22	10.79	0.02	0.11	393.4	1.04	22.54
27	0.17	30.28	1199.3	2.48	7.12	0.09	0.23	674.6	9.08	13.14
28	0.00	0.95	533.5	1.26	16.59	0.02	0.09	274.3	4.18	32.33
29	0.12	1.61	1176.0	2.79	7.53	0.12	0.17	698.4	9.47	12.70
30	0.30	97.48	973.6	1.46	7.86	0.11	0.60	648.8	8.44	13.65
31	0.03	0.51	571.3	1.94	15.51	0.03	0.10	304.0	5.20	29.17
32	0.0	1.47	626.4	0.94	14.12	0.02	0.30	392.4	2.19	22.58

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5015	75.	CAD1	DEVI	500.	5016	75.	CHEV	MONZ	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.15	22.09	620.2	2.00	10.38	0.05	0.27	453.8	5.63	19.53
BAG (CALC)	0.14	23.43	831.3	2.03	10.22	0.06	0.32	462.2	6.16	19.17
33	0.02	0.0	114.3	0.34	77.64	0.02	0.0	66.8	0.05	128.94
34	0.42	0.0	1411.2	1.18	6.28	0.42	0.0	808.6	0.59	10.96
35	0.27	0.06	705.1	0.78	12.57	0.27	0.0	450.6	0.59	19.66
36	0.16	0.04	621.1	1.31	14.28	0.18	0.0	419.6	0.59	21.12
37	0.14	0.02	507.8	0.75	17.46	0.13	0.0	297.1	3.91	29.63
38	0.04	0.07	556.5	1.12	15.94	0.07	0.0	312.8	6.31	28.36
39	0.02	0.21	650.5	0.67	13.64	0.05	0.01	375.5	10.25	23.62

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5017	75.	CHEV	CAMA	250.	5018	75.	CHEV	MONT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.18	0.30	1108.0	5.67	8.00	0.42	0.56	1937.0	5.43	4.58
2	0.0	0.18	436.8	0.35	20.31	0.09	0.71	479.2	0.18	18.47
3	0.15	0.46	1321.1	2.58	6.71	0.16	0.67	2074.4	3.54	4.28
4	0.06	0.13	801.1	2.57	11.07	0.13	0.37	1280.2	3.24	6.93
5	0.10	0.11	694.0	4.86	12.78	0.23	0.40	1159.1	2.93	7.65
6	0.20	0.08	274.9	0.26	32.20	0.07	0.11	290.6	0.28	30.56
7	0.42	12.63	876.4	7.52	9.69	1.99	270.89	1110.8	4.42	5.75
8	0.16	0.09	311.7	0.66	28.41	0.05	0.24	311.9	0.68	28.41
9	0.10	0.15	668.1	5.52	13.27	0.39	59.85	1025.8	2.71	7.42
10	0.07	0.10	298.1	0.43	29.74	0.02	0.76	296.6	0.55	29.80
11	0.15	0.26	651.4	9.75	10.41	0.63	111.16	1322.6	3.80	5.92
12	0.07	0.14	295.2	0.52	30.02	0.0	0.11	285.5	0.57	31.07
13	0.13	0.14	891.1	8.60	9.65	0.38	68.13	1401.9	3.68	5.68
14	0.06	0.06	274.9	0.64	32.25	0.0	0.30	307.2	0.64	28.84
15	0.0	0.13	262.2	0.36	31.43	0.0	0.53	272.8	0.13	32.44
16	0.0	0.38	846.6	0.62	10.48	0.0	0.59	842.4	0.50	10.52
17	0.15	0.23	967.5	7.89	9.17	0.14	1.05	1564.0	3.93	5.60
18	0.03	0.11	292.1	0.31	30.35	0.00	0.39	299.2	0.19	35.53
19	0.15	0.16	895.0	6.88	9.91	0.16	1.17	1507.5	3.54	5.88
20	0.04	0.17	321.2	0.43	27.60	0.04	0.79	304.6	0.35	29.01
21	0.29	7.83	1053.7	8.31	8.32	1.63	244.64	1353.1	4.00	5.09
22	0.08	0.16	316.9	0.75	27.96	0.04	0.41	334.5	0.52	26.47
23	0.10	0.23	1115.9	4.33	7.45	0.09	1.12	1726.2	4.54	5.15
24	0.10	0.14	698.9	5.19	12.69	0.17	12.90	1165.1	3.11	7.36
25	0.10	0.10	276.6	0.45	31.80	0.02	0.27	293.0	0.78	30.24
26	0.0	0.26	406.9	0.61	21.69	0.02	0.91	389.4	0.18	22.70
27	0.11	0.17	806.2	6.69	11.00	0.17	13.67	1335.3	3.34	6.54
28	0.06	0.12	308.7	0.83	28.72	0.02	0.89	334.0	0.57	26.41
29	0.08	0.20	968.3	2.74	9.16	0.07	1.84	1544.6	3.88	5.74
30	0.15	0.17	868.3	6.47	10.47	1.05	178.48	1102.7	3.66	6.46
31	0.07	0.06	278.3	0.63	31.85	0.01	0.26	257.0	0.71	34.47
32	0.0	0.18	407.3	0.77	21.78	0.0	1.42	405.3	0.35	21.76

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5017	75.	CHEV	CAMA	250.	5016	75.	CHEV	MONT	250.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.09	0.67	546.1	2.93	16.21	0.17	27.31	754.3	2.00	11.13
BAG (CALC)	0.09	0.62	551.7	3.05	16.05	0.20	26.14	748.7	1.94	11.23
33	0.02	0.00	106.6	0.13	83.18	0.02	0.00	100.6	0.11	88.21
34	0.37	0.0	1260.2	0.98	7.04	0.73	0.02	1225.3	0.98	7.23
35	0.24	0.0	619.7	0.39	14.30	0.34	0.13	641.0	0.34	13.81
36	0.17	0.0	526.1	0.33	16.85	0.23	0.01	747.4	0.46	11.86
37	0.30	0.0	432.0	0.29	20.50	0.23	0.0	516.8	0.65	17.08
38	0.07	0.0	446.4	0.81	19.87	0.03	0.00	525.5	1.10	16.89
39	0.02	0.0	460.3	1.93	19.28	0.02	0.0	554.7	2.54	16.60

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5019	75.	CHEV	CAMA	350.	5020	75.	CHEV	MONT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.37	0.38	1258.1	5.75	7.04	0.29	0.41	1306.6	4.89	6.77
2	0.03	0.16	485.2	0.53	18.28	0.06	0.59	557.2	0.58	15.90
3	0.22	0.31	1202.7	3.11	7.37	0.24	0.71	1550.8	2.79	5.74
4	0.19	0.21	753.5	2.77	11.76	0.14	0.34	904.9	1.98	9.74
5	0.24	0.16	730.6	2.85	12.13	0.19	0.26	705.4	2.57	12.56
6	0.17	0.03	378.8	0.56	23.39	0.07	0.20	351.6	0.49	25.20
7	0.33	6.16	937.6	4.71	9.36	0.87	28.59	931.0	3.39	9.67
8	0.23	0.14	408.6	1.39	21.67	0.15	1.77	376.5	1.26	23.25
9	0.15	0.55	729.0	4.27	12.15	0.14	0.22	788.6	3.76	11.24
10	0.15	0.08	398.1	0.82	22.26	0.06	0.22	354.1	0.69	25.03
11	0.20	0.76	948.4	5.66	9.34	0.17	0.41	1026.8	5.64	8.63
12	0.15	0.12	392.9	0.69	22.55	0.09	0.26	431.0	1.29	20.56
13	0.17	2.06	967.6	5.14	9.14	0.15	0.33	1025.1	5.30	8.65
14	0.12	0.19	400.7	1.18	22.11	0.07	0.15	356.8	1.26	24.71
15	0.0	0.22	417.5	0.92	21.24	0.02	0.32	417.2	0.42	21.25
16	0.0	0.94	914.4	1.24	9.69	0.01	0.56	854.3	1.12	10.38
17	0.23	0.61	995.7	4.16	8.90	0.15	0.35	1098.0	4.74	8.08
18	0.12	0.23	433.4	0.71	20.44	0.07	0.20	391.5	0.65	22.64
19	0.20	0.32	812.2	3.33	10.91	0.13	0.29	927.1	3.58	9.56
20	0.19	0.31	462.4	0.63	19.13	0.08	0.18	447.4	0.75	19.81
21	0.31	15.53	1042.0	5.44	8.31	0.30	5.18	1184.3	6.43	7.44
22	0.16	0.23	433.6	1.26	20.43	0.09	0.21	430.5	1.32	20.59
23	0.20	3.03	959.3	4.37	9.20	0.11	0.44	1141.8	3.39	7.77
24	0.16	0.23	693.9	3.47	12.77	0.11	0.21	796.3	3.33	11.14
25	0.18	0.18	432.9	1.39	20.46	0.11	0.15	434.6	1.58	20.40
26	0.0	0.33	727.1	0.67	12.20	0.06	0.32	639.3	0.79	13.87
27	0.20	0.31	812.6	4.74	10.91	0.09	0.24	929.4	4.54	9.54
28	0.14	0.26	477.6	1.37	18.55	0.08	0.21	449.8	1.46	19.71
29	0.13	0.40	817.3	3.17	10.91	0.06	0.30	1000.1	2.63	8.67
30	0.20	0.65	714.5	3.55	12.39	0.17	0.33	833.0	3.74	10.64
31	0.19	0.42	514.5	1.87	17.22	0.10	0.17	466.2	2.06	18.93
32	0.01	0.38	563.3	1.06	15.74	0.06	0.45	566.5	0.71	15.59

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5019	75.	CHEV	CAMA	350.	5020	75.	CHEV	MONT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.14	0.87	629.9	2.52	14.05	0.10	2.67	646.0	2.55	13.64
BAG (CALC)	0.14	0.91	638.2	2.63	13.87	0.10	2.17	671.0	2.72	13.15
33	0.08	0.02	108.8	0.11	81.37	0.02	0.0	104.3	0.13	85.05
34	2.48	6.40	1270.8	0.97	6.89	0.60	0.0	1314.0	1.17	6.74
35	0.60	1.83	625.3	0.39	14.07	0.18	0.0	749.8	0.58	11.83
36	0.38	1.03	579.3	0.52	15.25	0.12	0.0	466.1	0.46	18.17
37	0.10	0.06	513.2	0.49	17.28	0.09	0.0	463.6	0.36	18.34
38	0.03	0.03	509.6	1.32	17.41	0.02	0.01	473.2	0.84	18.75
39	0.09	0.13	570.5	2.52	15.54	0.04	0.03	522.8	2.37	16.97

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5021	75.	CHEV	IMPA	400.	5022	75.	CHRY	NEWP	400.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.24	0.0	1421.4	5.52	6.24	0.33	7.66	1371.4	9.05	6.41
2	0.13	0.0	622.9	0.19	14.24	0.06	0.11	572.1	1.16	15.50
3	0.24	0.0	1675.5	1.75	5.29	0.14	0.32	1546.0	5.23	5.74
4	0.20	0.03	960.8	2.58	9.23	0.08	0.46	891.0	4.44	9.95
5	0.13	0.0	834.5	3.60	10.63	0.09	2.45	727.6	6.10	12.11
6	0.09	0.0	344.3	0.34	25.76	0.03	0.08	387.1	1.75	22.92
7	1.09	160.36	979.6	3.39	7.19	0.91	28.56	926.0	9.78	9.11
8	0.07	0.0	374.1	0.98	23.71	0.20	0.95	536.1	1.75	16.93
9	0.11	0.26	751.3	4.52	11.80	0.07	2.78	784.4	7.66	11.25
10	0.05	0.04	345.4	0.78	22.41	0.06	0.55	433.2	1.53	20.44
11	0.23	19.19	1118.1	5.34	7.72	0.12	6.16	1141.0	9.74	7.71
12	0.06	0.34	445.1	0.84	19.91	0.27	1.22	511.7	1.45	17.25
13	0.15	5.68	1068.9	5.68	8.23	0.06	4.44	1143.1	9.29	7.72
14	0.04	0.10	445.1	0.86	19.93	0.13	0.53	426.8	1.77	20.64
15	0.04	0.27	521.1	0.22	17.01	0.0	0.16	523.8	1.21	16.93
16	0.09	0.0	1493.5	0.27	5.44	0.0	0.45	1005.3	1.23	8.82
17	0.13	0.0	1141.2	5.98	7.77	0.14	6.04	1152.4	7.83	7.62
18	0.04	0.0	525.7	0.38	16.88	0.11	1.29	455.3	1.91	19.39
19	0.19	0.0	1025.3	5.32	8.65	0.05	5.54	960.6	8.57	9.15
20	0.04	0.0	503.6	0.28	17.62	0.12	3.95	539.7	1.87	16.25
21	0.73	137.42	1120.5	4.41	8.63	0.43	24.15	1212.2	10.36	7.09
22	0.03	0.0	483.2	0.67	18.36	0.26	1.32	492.0	1.60	17.93
23	0.16	0.0	1228.8	3.63	7.22	0.06	5.50	1216.6	8.64	7.24
24	0.13	0.48	845.3	3.69	10.49	0.06	5.65	716.0	5.64	12.21
25	0.04	0.16	504.9	0.99	17.56	0.31	1.75	484.2	1.96	18.19
26	0.08	0.0	772.6	0.26	11.48	0.00	0.88	689.5	1.21	12.85
27	0.12	0.65	945.7	5.28	9.38	0.07	5.31	1002.1	8.53	8.78
28	0.05	0.0	483.3	0.81	18.36	0.13	1.30	514.0	1.91	17.18
29	0.13	0.24	1033.5	2.70	8.56	0.0	1.06	11.7.6	5.49	7.86
30	0.23	23.21	913.3	3.62	9.34	0.11	11.65	795.7	5.90	10.91
31	0.06	0.0	533.7	1.40	16.62	0.38	4.16	546.3	1.78	16.02
32	0.06	0.0	674.6	0.36	13.15	0.01	2.17	645.8	1.34	12.69

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5021	75.	CHEV	IMPA	400.	5022	75.	CHRY	NEWP	400.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.13	8.70	717.6	2.36	12.13	0.12	3.96	721.4	3.42	12.19
BAG (CALC)	0.13	8.80	714.8	2.42	12.17	0.12	3.92	754.6	4.18	11.67
33	0.04	0.0	133.5	0.06	66.44	0.06	0.0	114.0	0.05	77.76
34	1.78	0.0	1792.5	0.78	4.94	0.77	0.0	1402.6	0.58	6.32
35	0.54	0.0	903.5	0.39	9.80	0.38	0.0	839.2	0.58	10.56
36	0.57	0.0	768.2	0.32	11.53	0.22	0.0	577.6	0.45	15.35
37	0.22	0.0	576.3	0.48	15.38	0.08	0.0	428.0	1.68	20.73
38	0.02	0.0	534.8	1.03	16.54	0.05	0.0	454.2	4.18	19.32
39	0.02	0.0	604.3	2.95	14.64	0.01	0.04	541.4	4.69	16.34

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5023	75.	DODG	DART	318.	5024	75.	DODG	DART	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.19	0.30	933.6	5.78	9.50	0.25	2.80	1004.0	5.41	8.79
2	0.03	0.04	420.7	1.17	21.09	0.02	0.0	267.0	0.64	30.92
3	0.21	0.08	982.3	7.64	9.63	0.17	0.07	1068.9	4.10	8.15
4	0.14	0.08	668.7	3.84	13.26	0.10	0.23	622.0	2.75	14.25
5	0.13	0.07	568.6	3.15	15.60	0.18	0.32	493.1	2.95	17.96
6	0.04	0.05	307.3	1.10	28.66	0.07	0.0	256.5	0.33	34.56
7	0.14	0.80	739.0	4.29	11.96	0.17	2.96	663.9	3.56	12.66
8	0.10	0.07	411.0	0.52	21.57	0.06	0.06	270.7	0.53	32.74
9	0.07	0.14	601.6	2.97	14.74	0.06	3.29	564.2	3.16	15.56
10	0.05	0.05	337.9	0.46	26.25	0.06	0.0	243.8	0.53	36.38
11	0.08	0.63	824.8	4.37	10.74	0.16	5.08	799.2	3.64	10.99
12	0.07	0.07	378.6	0.58	23.42	0.06	0.07	246.6	0.46	29.89
13	0.07	0.26	799.6	4.23	11.09	0.08	2.18	735.6	3.91	12.00
14	0.05	0.08	371.2	0.67	23.90	0.07	0.11	254.2	0.60	34.66
15	0.01	0.06	391.7	1.01	22.65	0.02	0.10	259.2	0.51	34.21
16	0.0	0.08	895.9	1.25	9.41	0.12	0.08	599.1	2.37	14.80
17	0.10	0.13	768.2	4.35	11.55	0.16	0.95	747.8	4.03	11.84
18	0.04	0.06	349.4	1.46	25.39	0.04	0.06	317.5	0.50	27.94
19	0.10	0.12	639.5	4.30	13.87	0.13	3.23	663.0	3.56	13.26
20	0.04	0.08	416.4	1.34	21.30	0.05	0.19	296.1	0.59	29.92
21	0.10	0.44	830.6	5.16	10.67	0.12	2.47	784.2	4.00	11.26
22	0.06	0.06	447.2	0.95	19.84	0.05	0.18	296.3	0.61	29.92
23	0.08	0.21	759.3	5.32	11.66	0.11	0.44	724.8	4.35	12.14
24	0.07	0.10	580.0	3.30	15.29	0.06	0.67	544.3	3.48	16.27
25	0.06	0.08	417.7	1.09	21.23	0.07	0.18	323.6	0.79	27.36
26	0.03	0.08	579.3	1.77	15.32	0.06	0.19	410.8	0.79	21.56
27	0.08	0.12	716.4	3.82	12.36	0.09	1.27	642.1	3.78	13.77
28	0.04	0.06	425.2	1.09	20.86	0.07	0.18	346.2	0.75	25.60
29	0.08	0.21	727.5	4.50	12.14	0.11	0.44	650.4	3.74	13.63
30	0.07	0.20	665.9	3.52	13.67	0.10	1.22	597.9	3.25	17.06
31	0.06	0.09	497.4	1.13	17.63	0.06	0.19	356.1	0.64	24.89
32	0.01	0.11	470.3	1.36	18.86	0.06	0.22	420.6	0.83	21.06

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5023	75.	DODG	DART	318.	5024	75.	DODG	DART	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.05	0.16	558.2	2.09	15.89	0.08	0.82	492.7	1.98	17.96
BAG (CALC)	0.06	0.15	566.6	2.27	15.65	0.07	0.80	481.5	2.01	18.37
33	0.04	0.00	86.4	0.07	102.63	0.01	0.0	81.6	0.28	108.71
34	0.26	0.02	1583.3	2.75	5.60	0.18	0.0	980.0	2.94	9.05
35	0.13	0.07	790.8	0.98	11.22	0.07	0.12	610.9	1.08	14.52
36	0.11	0.05	521.0	0.85	17.02	0.06	0.0	362.8	1.11	24.45
37	0.17	0.03	344.9	4.60	25.69	0.09	0.06	264.3	1.37	31.18
38	0.08	0.06	369.7	3.09	23.98	0.11	0.06	318.5	1.28	27.63
39	0.08	0.09	436.6	2.38	20.31	0.10	0.13	430.0	1.50	20.61

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

MODE NO.	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5025	75.	FORD	MUST	140.	5026	75.	FORD	GRAN	302.
	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.18	4.82	961.0	3.08	8.97	1.01	2.50	1349.2	4.36	6.54
2	0.02	0.40	376.1	0.53	23.55	0.76	0.07	469.6	0.47	18.80
3	0.15	1.21	1305.6	2.26	6.49	0.86	0.79	1504.5	2.15	5.66
4	0.16	1.04	730.1	1.77	12.12	0.57	0.72	872.5	1.85	10.14
5	0.09	0.61	561.6	2.79	15.76	0.61	0.60	676.1	3.07	13.03
6	0.03	0.14	201.8	0.56	43.92	1.07	0.16	298.4	0.64	29.33
7	0.24	12.67	619.1	4.91	13.67	0.79	4.98	901.4	5.68	9.65
8	0.02	0.18	278.9	0.46	31.78	1.10	0.22	344.6	0.93	25.47
9	0.05	0.73	495.2	3.95	17.88	0.51	1.32	677.7	4.60	13.03
10	0.02	0.21	247.9	0.48	35.75	0.55	0.23	355.3	0.66	24.85
11	0.06	2.49	700.4	4.44	12.58	0.64	6.97	955.2	6.57	9.17
12	0.02	0.25	226.8	0.40	39.05	0.88	0.49	355.3	0.98	24.73
13	0.04	1.41	736.6	4.38	12.01	0.59	2.69	904.3	6.19	9.75
14	0.02	0.13	223.7	0.39	39.63	0.66	0.33	350.0	1.12	25.17
15	0.03	0.31	339.5	0.25	26.10	0.23	0.28	438.7	0.42	20.18
16	0.12	0.32	657.5	0.75	13.46	0.31	0.38	952.4	1.12	9.50
17	0.06	1.29	768.8	3.42	11.51	0.66	1.25	933.7	4.58	9.46
18	0.05	0.21	248.0	0.44	35.71	0.85	0.27	369.9	0.81	22.59
19	0.07	1.16	780.9	3.89	11.34	0.63	1.34	850.9	3.78	10.38
20	0.03	0.24	242.5	0.47	36.54	0.80	0.31	430.1	0.79	20.49
21	0.12	11.01	816.7	5.22	10.64	0.72	9.01	1068.5	6.21	8.03
22	0.01	0.21	226.5	0.40	39.11	0.74	0.32	407.2	1.15	21.65
23	0.05	1.09	997.2	2.69	8.88	0.57	1.10	1062.5	2.68	8.17
24	0.06	0.46	578.3	4.31	15.30	0.49	1.50	683.4	3.63	12.91
25	0.02	0.20	210.0	0.54	42.18	0.71	0.34	340.7	1.29	22.56
26	0.04	0.30	327.9	0.49	27.01	0.72	0.26	664.8	1.03	13.30
27	0.05	0.84	682.5	4.03	12.98	0.51	1.36	807.4	5.01	10.94
28	0.01	0.27	245.9	0.49	36.02	0.57	0.35	426.5	1.23	20.69
29	0.05	1.53	1123.6	2.74	7.88	0.42	0.87	961.5	1.61	9.21
30	0.04	1.34	644.0	4.34	15.63	0.53	1.57	766.1	4.64	1.47
31	0.04	0.19	198.7	0.52	44.56	0.85	0.42	417.8	1.73	21.07
32	0.04	0.26	323.3	0.47	27.41	0.53	0.33	655.1	0.53	13.52

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5025	75.	FORD	MUST	140.	5026	75.	FORD	GRAN	302.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.03	1.09	460.9	1.83	19.18	0.54	1.38	609.3	2.61	14.48
BAG (CALC)	0.04	1.19	469.3	1.89	18.83	0.50	1.45	617.6	2.67	14.26
33	0.00	0.00	76.5	0.03	113.12	0.19	0.0	112.4	0.15	76.56
34	0.01	0.01	924.7	0.59	9.60	3.38	0.0	1334.0	0.98	6.60
35	0.04	0.13	761.6	0.78	11.65	1.69	0.12	927.7	1.27	9.51
36	0.03	0.13	501.8	0.52	17.68	0.48	0.04	574.9	0.98	15.40
37	0.06	0.13	341.4	0.75	25.97	0.46	0.14	446.0	0.75	19.74
38	0.06	0.16	302.2	1.26	29.33	0.29	0.18	405.0	1.03	21.65
39	0.03	0.33	380.6	1.86	23.28	0.19	0.44	480.3	2.10	18.43

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5027	75.	FORD	GRAN	250.	5028	75.	FORD	TORI	351.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.42	1.57	1396.2	6.59	6.34	0.66	10.44	1650.5	5.38	5.32
2	0.08	0.04	393.6	0.82	22.57	0.14	0.67	563.4	0.47	15.71
3	0.31	0.16	1500.3	4.45	5.91	0.40	2.67	1861.5	2.46	4.70
4	0.28	0.94	953.2	3.08	9.29	0.30	1.36	1168.9	2.35	7.57
5	0.23	1.83	627.4	3.00	10.68	0.23	3.93	997.6	3.22	8.84
6	0.05	0.07	305.1	0.64	29.07	0.33	0.37	352.0	0.43	25.10
7	0.24	27.71	895.0	4.02	9.45	0.54	35.58	1169.5	3.72	7.23
8	0.06	0.73	296.6	1.18	29.79	0.60	0.47	320.3	2.16	26.98
9	0.08	13.06	737.5	2.74	11.70	0.16	7.31	918.7	3.88	9.54
10	0.03	0.02	278.0	0.96	31.92	0.26	0.42	370.6	1.06	23.86
11	0.09	17.40	1000.1	4.89	8.64	0.20	21.96	1169.4	4.53	7.37
12	0.03	0.02	264.9	1.06	31.14	0.28	0.47	390.2	0.95	22.65
13	0.05	1.31	1013.2	4.20	8.74	0.15	14.18	1196.6	4.71	7.28
14	0.02	0.03	287.6	1.16	30.85	0.24	0.35	347.3	0.93	25.46
15	0.03	0.0	278.9	0.34	31.82	0.02	0.53	385.5	0.92	22.47
16	0.12	0.02	789.0	1.37	11.24	0.04	0.90	1021.5	1.24	8.68
17	0.17	13.27	1044.6	5.27	8.33	0.22	5.50	1254.0	5.51	7.03
18	0.04	0.01	280.9	0.94	31.58	0.27	0.36	335.5	0.56	26.34
19	0.15	1.09	955.4	3.95	9.27	0.20	5.12	1192.9	4.64	7.39
20	0.03	0.01	306.8	0.87	28.92	0.18	0.48	436.6	0.65	20.27
21	0.32	3.13	1095.3	4.50	8.06	0.36	34.85	1389.9	4.48	6.14
22	0.04	0.08	326.0	1.26	27.21	0.23	0.49	403.5	1.03	21.91
23	0.18	0.32	1145.0	5.77	7.74	0.21	3.29	1403.9	4.10	5.96
24	0.08	1.08	783.6	3.43	11.30	0.10	4.43	1011.5	4.21	8.71
25	0.03	0.03	279.3	1.07	31.76	0.28	0.30	348.4	0.84	25.37
26	0.08	0.05	415.8	1.04	21.33	0.62	0.63	541.1	1.15	16.57
27	0.09	0.86	906.7	4.54	9.77	0.18	5.55	1077.4	5.28	8.17
28	0.04	0.02	315.0	1.01	28.16	0.21	0.35	417.3	0.94	21.21
29	0.21	0.22	1007.6	4.67	8.86	0.19	1.03	1326.3	3.00	6.68
30	0.11	13.06	847.5	3.70	10.22	0.18	22.40	1090.3	3.30	7.88
31	0.04	0.03	291.1	1.09	30.47	0.38	0.38	359.1	1.23	24.59
32	0.06	0.01	431.0	1.36	20.58	0.02	0.61	566.0	0.94	15.16

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	LID	VEH	YEAR	MAKE	MODL	LID
	5027	75.	FORD	GRAN	250.	5028	75.	FORD	TORI	351.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.09	3.23	589.4	2.62	14.92	0.19	6.29	741.2	2.66	11.81
BAG (CALC)	0.08	3.48	592.2	2.56	14.84	0.17	4.61	736.4	2.60	11.89
33	0.05	0.0	94.8	0.20	93.51	0.03	0.0	134.3	0.15	66.65
34	0.56	0.0	1154.7	1.97	7.67	0.55	0.0	2956.8	1.57	3.00
35	0.28	0.0	566.4	0.89	15.11	0.27	0.0	798.9	0.59	11.10
36	0.20	0.01	404.1	0.72	21.93	0.08	0.0	690.0	0.65	12.86
37	0.13	0.01	352.5	1.77	25.15	0.15	0.22	671.1	0.49	13.21
38	0.12	0.05	427.2	1.55	20.75	0.08	0.22	577.8	0.82	15.34
39	0.06	0.07	497.1	3.37	17.65	0.09	0.21	557.2	2.98	15.91

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5029	75.	FORD	LTD	460.	5030	75.	MERC	MARQ	400.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.20	6.17	1711.8	4.53	5.15	0.33	3.63	1421.9	6.43	4.60
2	0.01	0.0	781.5	0.58	11.36	0.04	0.0	626.0	1.05	14.13
3	0.09	0.06	1890.0	3.72	4.70	0.29	2.29	2130.7	5.03	4.16
4	0.11	1.17	1173.4	2.46	7.55	0.20	1.11	1321.1	3.90	6.71
5	0.06	1.06	1037.8	2.40	8.54	0.16	1.01	979.1	4.92	9.05
6	0.03	0.06	464.0	0.58	19.12	0.05	0.10	375.1	0.46	23.64
7	0.10	5.41	1157.9	5.50	7.61	0.29	3.26	1300.6	10.77	6.79
8	0.01	0.07	481.1	0.65	18.44	0.05	0.06	412.5	1.02	21.50
9	0.01	1.48	937.5	3.51	9.44	0.08	0.56	1010.5	6.76	8.77
10	0.01	0.09	482.6	0.50	18.39	0.01	0.00	431.1	0.77	20.56
11	0.07	10.25	1147.0	4.27	7.63	0.15	5.85	1269.6	8.43	6.94
12	0.01	0.10	568.0	0.60	15.62	0.04	0.06	476.4	0.77	18.62
13	0.04	4.04	1157.5	4.53	7.63	0.09	1.16	1276.9	6.76	6.94
14	0.00	0.14	544.2	0.64	16.30	0.02	0.10	440.9	1.01	20.12
15	0.0	0.33	782.0	0.50	11.34	0.03	0.11	504.1	1.36	17.60
16	0.01	0.52	1003.3	1.72	8.84	0.16	0.16	1100.6	1.49	8.06
17	0.09	5.74	1162.7	3.80	7.57	0.17	2.47	1377.7	7.56	6.42
18	0.02	0.15	622.5	0.58	14.25	0.03	0.14	562.8	1.02	15.22
19	0.06	1.51	1000.6	2.99	8.85	0.17	3.55	1327.9	6.57	6.65
20	0.01	0.21	695.7	0.78	12.75	0.02	0.15	622.5	1.10	14.45
21	0.08	5.54	1240.9	6.36	7.10	0.16	4.37	1430.6	11.12	6.17
22	0.01	0.26	624.6	0.97	14.20	0.03	0.11	547.0	1.03	16.22
23	0.03	1.78	1346.3	2.55	6.34	0.12	0.81	1473.1	4.52	6.62
24	0.02	1.05	898.6	3.07	9.86	0.07	0.53	923.5	5.42	9.60
25	0.01	0.15	608.3	0.94	14.58	0.03	0.09	547.2	1.29	16.61
26	0.0	0.66	977.0	1.02	9.67	0.03	0.15	811.6	2.18	10.93
27	0.04	1.46	1036.4	3.62	8.54	0.08	0.81	1048.5	6.68	8.47
28	0.0	0.14	630.2	0.77	14.08	0.03	0.07	547.1	1.03	16.22
29	0.05	4.09	1125.1	2.17	7.84	0.10	2.10	1295.3	5.43	6.83
30	0.04	1.14	879.6	4.06	10.07	0.08	0.45	898.4	6.93	9.86
31	0.03	0.10	719.5	1.24	12.33	0.05	0.10	628.0	1.58	14.12
32	0.0	0.21	929.4	0.76	9.55	0.0	0.08	786.0	2.23	11.29

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5029	75.	FORD	LTD	460.	5030	75.	MERC	MARQ	460.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.02	1.26	855.0	2.12	10.36	0.06	0.81	829.6	3.63	10.68
BAG (CALC)	0.02	1.31	852.3	2.18	10.39	0.06	0.81	832.4	3.78	10.6[illegible]
33	0.03	0.0	140.6	0.16	63.09	0.06	0.04	144.7	0.21	59.20
34	0.38	0.0	1797.8	1.93	4.93	0.66	0.26	1856.7	1.97	4.77
35	0.19	0.0	897.1	0.87	9.89	0.31	0.14	896.6	0.88	9.86
36	0.14	0.0	623.2	0.64	14.23	0.17	0.17	673.1	0.78	13.17
37	0.06	0.06	523.1	1.28	16.64	0.10	0.17	508.8	2.57	17.42
38	0.05	0.09	614.5	0.66	14.44	0.10	0.41	543.1	0.91	14.64
39	0.01	0.03	668.6	1.71	13.27	0.02	0.13	641.4	2.48	13.83

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

MODE NO.	VEH 5031 HC	YEAR 75. CO	MAKE MERC CO2	MODL COUG NOX	CID 351. MPG	VEH 5032 HC	YEAR 75. CO	MAKE OLDS CO2	MODL CUTL NOX	CID 350. MPG
1	0.90	19.31	1226.1	11.94	7.05	1.15	63.64	1076.7	1.49	7.52
2	0.09	3.59	674.1	0.48	13.05	0.03	0.56	455.7	0.23	19.43
3	0.53	36.24	1386.5	1.32	6.14	0.15	7.18	1346.1	1.27	6.54
4	0.45	12.84	849.5	3.92	10.19	0.25	14.27	864.9	0.87	9.99
5	0.39	5.54	685.6	9.21	12.76	0.80	20.91	661.2	1.22	12.74
6	0.15	5.45	380.9	0.26	22.76	0.16	3.02	344.1	0.45	25.40
7	2.21	113.29	840.0	9.97	8.66	3.92	110.99	736.1	2.05	9.62
8	0.42	9.77	408.3	0.76	20.89	0.25	8.75	338.5	0.87	25.14
9	0.73	16.49	643.6	8.67	13.21	1.66	50.03	650.2	2.94	12.09
10	0.23	7.23	397.7	0.46	21.66	0.08	6.03	310.4	0.78	27.72
11	1.64	63.40	915.8	12.41	8.70	2.27	77.56	795.2	5.27	9.60
12	0.31	9.43	444.7	0.78	19.27	0.06	7.21	346.3	0.82	24.80
13	1.14	44.43	920.8	12.67	8.93	2.05	63.78	816.6	5.01	9.61
14	0.28	11.02	410.3	0.73	20.71	0.09	8.83	351.6	0.82	24.26
15	0.09	3.20	533.4	0.89	16.47	0.02	0.0	415.0	0.46	21.38
16	0.20	3.79	889.8	2.00	9.90	0.0	0.0	631.4	0.61	14.06
17	0.48	10.46	1020.6	11.63	8.55	0.88	45.08	910.9	3.08	9.02
18	0.25	15.25	477.5	0.57	17.67	0.05	2.55	347.8	0.34	25.21
19	0.38	7.33	872.3	10.02	10.03	1.09	28.54	793.9	2.09	10.54
20	0.21	12.39	567.7	1.11	15.10	0.09	4.81	392.8	0.54	22.16
21	2.14	114.08	980.9	10.69	7.61	3.30	126.21	859.3	4.79	8.31
22	0.34	11.50	471.6	1.10	18.08	0.11	9.40	410.8	0.85	20.84
23	0.50	23.54	1016.1	5.26	8.42	0.68	30.21	1063.3	1.73	7.97
24	0.47	14.48	709.9	7.15	12.09	1.49	32.60	651.1	3.15	12.55
25	0.29	10.54	481.8	0.95	17.78	0.13	15.15	391.5	0.87	21.35
26	0.17	13.17	668.3	1.41	12.87	0.05	0.80	589.9	0.72	15.01
27	0.41	11.61	819.3	9.85	10.58	1.52	41.80	778.7	4.32	10.45
28	0.29	11.82	518.3	0.96	16.50	0.12	10.12	375.7	0.76	22.64
29	0.55	25.46	974.0	4.11	8.74	0.39	15.46	784.4	1.55	10.96
30	0.87	26.41	755.1	7.56	11.10	2.21	54.63	659.4	3.98	11.80
31	0.34	15.27	470.3	1.26	17.92	0.16	15.96	367.3	0.90	22.59
32	0.08	4.06	776.7	1.48	11.33	0.06	0.0	538.0	0.81	16.49

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5031	75.	MERC	COUG	351.	5032	75.	OLDS	CUTL	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.51	23.26	662.7	4.29	12.66	0.74	31.64	573.9	1.88	14.18
BAG (CALC)	0.52	22.47	659.9	4.69	12.74	0.78	30.43	573.9	2.00	14.22
33	0.03	0.0	154.7	0.24	57.35	0.02	0.0	79.6	0.05	111.37
34	0.32	0.0	1833.2	2.53	4.84	0.70	0.0	943.3	0.38	8.91
35	0.16	0.0	922.0	1.16	9.62	0.12	0.0	748.1	0.38	11.11
36	0.08	0.0	640.5	0.65	13.65	0.08	0.0	520.9	0.38	16.84
37	0.04	0.0	536.9	1.29	16.53	0.06	0.0	450.1	0.45	19.71
38	0.10	0.26	576.9	0.81	15.37	0.06	0.05	455.3	0.78	19.48
39	0.18	8.12	545.5	1.30	15.88	0.34	13.52	445.2	1.08	17.15

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5033	75.	OLDS	CUTL	350.	5034	75.	OLDS	DELT	455.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.24	2.42	1207.0	8.97	7.33	0.30	6.12	1946.2	2.63	4.54
2	0.04	0.11	479.8	0.41	18.49	0.07	0.0	464.1	0.68	18.32
3	0.31	5.02	1305.9	3.44	6.75	0.33	9.28	2115.3	1.06	4.17
4	0.21	3.94	443.2	2.69	9.34	0.30	5.43	1261.5	1.44	6.98
5	0.10	0.35	775.4	4.35	11.43	0.21	1.03	867.1	1.91	8.57
6	0.10	0.05	291.0	0.54	30.46	0.15	0.0	302.8	1.22	29.27
7	0.67	16.15	869.1	13.30	9.90	2.49	186.17	1030.6	3.72	6.72
8	0.07	0.11	400.0	0.82	22.17	0.13	0.0	367.8	2.12	24.11
9	0.08	0.10	729.3	8.17	12.16	0.11	11.27	940.7	3.09	9.26
10	0.04	0.10	347.6	0.60	25.51	0.06	0.0	329.9	1.80	26.88
11	0.15	1.39	914.5	13.67	9.66	0.25	28.10	1264.4	5.22	6.66
12	0.06	0.12	321.6	0.72	27.57	0.07	0.0	346.6	1.90	22.37
13	0.10	0.59	933.9	11.85	9.49	0.18	17.63	1235.5	4.77	7.02
14	0.05	0.09	341.0	0.71	22.66	0.06	0.32	374.2	2.48	23.36
15	0.00	0.23	343.6	0.34	22.53	0.08	0.45	473.8	1.14	18.70
16	0.01	0.46	819.7	0.50	10.82	0.08	1.02	903.5	0.85	9.80
17	0.09	0.23	960.7	8.36	9.23	0.22	6.76	1370.3	3.08	6.42
18	0.05	0.11	350.4	0.59	25.30	0.06	0.54	426.5	1.15	20.66
19	0.06	0.18	867.3	5.96	10.23	0.12	3.27	1177.9	2.26	7.50
20	0.08	0.12	387.7	0.59	22.86	0.06	0.54	429.4	1.15	20.61
21	0.34	8.58	1043.4	15.61	8.01	0.47	72.36	1388.6	5.65	5.90
22	0.07	0.14	384.3	0.69	23.07	0.06	0.44	420.2	1.45	21.07
23	0.06	0.14	1101.2	4.16	8.06	0.14	1.17	1566.1	1.96	5.88
24	0.09	0.16	756.0	8.24	11.73	0.09	7.16	946.0	2.24	9.27
25	0.05	0.18	356.3	0.86	24.88	0.06	0.33	456.8	2.30	19.40
26	0.03	0.33	657.5	0.55	13.49	0.04	0.73	714.3	1.01	12.39
27	0.08	0.16	849.7	7.48	10.44	0.13	4.22	1157.9	3.61	7.62
28	0.06	0.18	381.7	0.80	23.23	0.06	0.34	473.9	1.40	18.70
29	0.09	0.24	1027.5	2.84	8.63	0.08	1.67	1282.5	1.44	7.01
30	0.11	0.12	784.7	10.65	11.30	0.14	28.63	975.5	2.67	8.70
31	0.06	0.05	375.0	1.08	23.65	0.07	0.35	490.1	2.67	18.08
32	0.04	0.22	473.4	0.47	18.73	0.06	1.01	555.0	0.86	15.94

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5033	75.	OLDS	CUTL	350.	5034	75.	OLDS	DELT	455.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.08	1.13	596.8	3.82	14.82	0.15	11.57	784.9	2.57	11.04
BAG (CALC)	0.09	0.16	632.9	4.11	14.01	0.17	9.66	787.6	2.74	11.05
33	0.01	0.0	79.5	0.05	111.66	0.03	0.0	94.5	0.03	93.78
34	0.89	0.0	1104.8	0.39	8.01	1.57	0.0	1251.5	0.38	7.06
35	0.27	0.0	812.4	0.39	10.91	0.36	0.33	808.5	0.27	10.96
36	0.20	0.0	615.8	0.32	14.40	0.14	0.0	695.4	0.57	12.75
37	0.09	0.0	455.7	0.42	19.46	0.27	0.0	532.5	0.51	16.64
38	0.06	0.0	449.4	1.03	19.74	0.11	0.0	551.4	1.58	16.09
39	0.01	0.0	532.1	1.98	16.68	0.07	0.02	621.3	3.47	14.28

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5035	75.	PLYM	FURY	318.	5036	75.	PLYM	DUST	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.37	0.86	1071.1	6.76	8.27	1.81	30.07	886.3	10.40	9.45
2	0.12	0.52	551.1	1.46	16.07	0.16	0.14	276.6	1.16	31.77
3	0.32	0.0	1140.2	7.00	7.78	0.47	5.46	1364.3	3.42	6.75
4	0.25	0.57	755.8	5.58	11.72	0.44	5.41	551.5	5.32	16.39
5	0.24	0.0	577.5	5.75	15.35	0.29	0.36	498.2	8.37	17.76
6	0.07	0.0	332.7	2.00	26.66	0.40	0.09	160.7	3.26	48.73
7	0.39	15.61	810.6	4.13	10.61	0.37	1.26	721.9	12.63	12.24
8	0.05	0.02	374.9	2.13	23.66	0.54	0.12	175.2	3.68	50.10
9	0.12	0.02	635.3	5.31	13.96	0.26	0.91	556.7	11.50	15.62
10	0.04	0.09	355.0	1.88	24.98	0.44	0.09	128.8	3.84	68.10
11	0.15	0.86	926.2	5.34	9.56	0.50	1.92	697.4	11.44	12.64
12	0.04	0.12	421.1	1.40	21.06	0.40	0.23	137.3	4.63	63.89
13	0.11	0.74	804.1	5.40	11.02	0.73	5.32	726.3	11.60	12.04
14	0.03	0.13	378.1	2.12	23.45	0.33	0.69	142.7	5.14	61.67
15	0.07	0.07	437.2	1.98	20.28	0.08	0.10	204.6	1.21	43.29
16	0.21	0.26	922.1	3.98	9.61	0.23	0.46	557.7	1.56	15.67
17	0.19	0.07	812.4	5.27	10.92	0.64	4.78	765.2	10.14	12.26
18	0.06	0.41	392.1	2.80	22.58	0.20	0.10	154.3	1.74	57.25
19	0.20	0.12	668.8	5.45	13.26	0.33	2.55	690.0	8.19	12.77
20	0.08	0.21	432.6	2.72	20.49	0.19	0.14	164.3	2.19	47.95
21	0.24	6.09	901.3	5.40	9.74	0.75	6.77	810.6	10.81	10.74
22	0.04	0.26	453.6	2.24	19.53	0.30	0.18	154.1	3.41	55.37
23	0.20	0.83	872.2	6.76	10.15	0.54	11.55	806.6	7.47	10.74
24	0.13	0.32	544.1	5.31	16.29	0.20	0.42	578.2	10.86	15.32
25	0.06	0.11	398.9	2.50	22.23	0.36	0.11	131.6	0.92	60.65
26	0.07	0.0	627.6	1.45	14.14	0.06	0.30	290.6	1.63	30.47
27	0.15	0.38	725.7	5.65	12.21	0.32	2.16	640.8	10.69	13.76
28	0.06	0.37	467.8	2.53	18.94	0.36	0.16	189.3	4.71	46.56
29	0.23	0.80	824.4	7.25	10.74	0.34	4.05	7....	8.10	12.15
30	0.15	0.31	599.1	5.27	15.85	0.23	0.10	652.4	9.76	13.57
31	0.08	0.23	432.3	2.97	20.50	0.41	0.15	117.8	0.49	74.50
32	0.05	1.14	624.9	2.07	14.16	0.09	0.32	281.5	1.41	31.44

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5035	75.	PLYM	FURY	318.	5036	75.	PLYM	DUST	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.11	0.85	621.2	3.81	14.25	0.33	1.44	424.2	6.72	20.76
BAG (CALC)	0.11	0.89	590.4	3.87	14.99	0.31	1.48	421.5	7.15	20.90
33	0.05	0.09	167.6	0.28	52.86	0.03	0.23	76.1	0.05	115.95
34	0.61	1.20	2028.6	3.32	4.37	0.53	1.79	2161.6	0.81	4.10
35	0.28	0.41	972.6	2.14	9.11	0.13	0.14	702.9	1.07	12.62
36	0.18	0.24	635.8	1.49	13.94	0.13	0.33	457.1	0.64	20.26
37	0.15	0.06	351.6	2.53	25.20	0.16	0.06	261.8	1.98	33.81
38	0.15	0.17	383.0	4.83	23.13	0.21	0.16	299.6	3.77	29.54
39	0.13	0.11	454.0	4.72	19.53	0.17	0.32	378.1	10.65	23.41

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

VEH	YEAR	MAKE	MODL	CID
5037	75.	PONT	CATA	400.

MODE NO.	HC	CO	CO2	NOX	MPG
1	0.23	3.09	1392.8	23.83	6.35
2	0.22	0.18	683.1	1.11	12.47
3	0.31	5.89	1527.6	14.62	5.77
4	0.12	0.0	857.8	16.01	10.34
5	0.08	0.0	713.9	12.42	12.43
6	0.16	0.0	375.5	1.44	23.61
7	0.14	0.0	886.6	20.48	10.01
8	0.15	0.0	399.8	4.14	22.17
9	0.09	0.0	714.3	14.77	12.42
10	0.19	0.0	395.1	3.30	22.43
11	0.10	0.05	491.1	18.25	8.95
12	0.24	0.0	477.3	3.16	18.57
13	0.08	0.43	976.5	16.75	9.08
14	0.16	0.0	440.3	4.71	20.14
15	0.21	0.0	524.0	0.88	16.92
16	0.50	0.0	1132.7	0.0	7.62
17	0.09	0.66	980.5	15.87	9.04
18	0.19	0.0	459.0	2.86	19.31
19	0.11	0.12	840.1	14.84	10.56
20	0.28	0.0	547.4	2.46	16.17
21	0.13	0.29	1051.2	20.93	8.44
22	0.21	0.02	496.5	4.10	16.07
23	0.18	0.40	1031.7	18.86	8.59
24	0.07	0.0	674.1	12.81	13.16
25	0.14	0.0	507.9	6.79	17.46
26	0.27	0.0	747.6	2.25	11.86
27	0.10	0.14	872.6	14.03	10.17
28	0.21	0.0	518.2	5.80	17.11
29	0.18	0.87	973.6	16.26	9.10
30	0.06	0.0	681.4	14.11	13.40
31	0.14	0.0	530.6	6.44	16.71
32	0.29	0.04	586.3	1.77	15.06

VEH	YEAR	MAKE	MODL	CID
5038	75.	PONT	VENT	350.

HC	CO	CO2	NOX	MPG

SURVEILLANCE DRIVING SEQUENCE

ACCEL/DECEL DATA

DELETED FOR THIS VEHICLE

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5037	75.	PONT	CATA	400.	5038	75.	PONT	VENT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.14	0.18	666.0	9.05	13.31	0.11	2.93	593.5	2.19	14.63
BAG (CALC)	0.13	0.18	671.5	9.63	13.20	DELETED FOR THIS VEHICLE				
33	0.04	0.0	153.9	0.08	57.63	0.02	0.0	88.5	0.03	100.19
34	0.60	0.0	1867.9	0.78	4.75	0.94	0.0	1044.0	0.19	8.48
35	0.42	0.0	951.5	0.39	9.31	0.65	0.0	755.1	0.34	11.72
36	0.24	0.0	628.9	0.26	14.10	0.57	0.0	634.3	0.52	13.45
37	0.09	0.0	424.2	2.11	20.91	0.22	0.0	540.9	0.45	16.39
38	0.07	0.0	463.3	3.70	19.15	0.03	0.0	550.7	0.73	16.11
39	0.07	0.01	560.5	9.12	15.83	0.02	0.0	562.9	1.51	15.77

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5039	75.	PCNT	GRNV	455.	5040	76.	CAPR	II	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.34	0.49	1638.4	5.80	5.41	3.55	84.67	564.5	2.26	12.52
2	0.13	0.0	540.5	0.41	16.41	1.76	57.30	280.2	0.52	23.61
3	0.47	0.13	1602.3	3.32	5.53	3.60	106.74	774.2	2.04	9.31
4	0.22	1.53	978.4	2.90	9.04	2.25	58.28	384.5	1.56	18.37
5	0.19	0.06	890.4	3.26	9.96	1.32	30.70	364.3	1.29	21.30
6	0.11	0.0	305.3	0.48	29.04	0.81	4.85	213.4	1.22	39.70
7	0.25	13.63	1026.2	6.33	8.47	1.31	9.39	476.6	2.29	17.84
8	0.06	0.06	424.1	0.97	20.91	0.54	4.57	285.1	0.86	30.19
9	0.07	0.06	818.7	4.97	10.64	0.82	18.35	357.0	1.90	22.85
10	0.07	0.04	370.2	0.77	23.96	0.62	16.29	196.4	0.62	39.52
11	0.10	2.27	1127.4	7.17	7.85	1.58	36.44	466.4	3.08	16.79
12	0.05	0.05	455.7	0.86	19.47	0.99	18.77	253.7	0.63	30.99
13	0.09	0.17	1107.7	6.37	8.01	2.55	44.82	449.1	2.67	16.82
14	0.05	0.08	392.5	1.01	22.60	0.88	18.86	244.9	0.69	32.00
15	0.02	0.08	449.3	0.42	19.75	1.52	61.94	242.1	0.54	25.78
16	0.05	0.23	913.7	0.62	9.71	2.62	110.77	584.6	0.37	11.57
17	0.12	0.14	1110.9	4.93	7.99	2.57	53.64	469.2	2.12	15.80
18	0.07	0.08	439.0	0.53	20.20	1.12	26.67	229.5	1.39	32.27
19	0.12	0.15	1018.3	4.12	8.71	1.87	46.90	403.2	1.48	18.38
20	0.09	0.10	462.5	0.75	19.17	1.41	34.75	257.0	1.22	28.08
21	0.26	15.13	1281.5	7.96	6.80	2.16	39.35	541.2	3.22	14.55
22	0.06	0.12	430.5	0.97	20.60	1.15	23.95	256.2	0.86	29.83
23	0.14	0.30	1388.0	4.26	6.39	2.73	70.52	494.8	1.26	14.45
24	0.08	0.10	835.4	4.22	10.62	1.40	37.05	357.7	1.55	21.11
25	0.05	0.06	442.5	1.23	20.05	0.73	17.85	256.8	0.95	30.91
26	0.08	0.18	813.7	0.79	10.90	2.44	78.00	409.0	0.97	16.46
27	0.09	0.12	1000.3	4.89	8.67	1.92	41.93	412.9	2.38	18.31
28	0.06	0.12	466.3	0.94	19.02	1.14	25.08	242.5	1.06	31.05
29	0.11	1.52	1115.4	2.51	7.94	2.32	63.20	473.7	1.20	15.29
30	0.08	0.52	812.5	4.15	10.91	1.57	36.11	325.7	1.97	22.91
31	0.05	0.09	540.0	1.43	16.43	0.74	17.98	284.2	1.27	28.19
32	0.04	0.14	653.0	0.53	13.58	2.17	76.14	300.1	0.82	20.81

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5039	75.	PONT	GRNV	455.	5040	76.	CAPR	11	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.09	1.00	729.2	2.69	12.14	1.38	35.34	342.7	1.56	22.05
BAG (CALC)	0.09	0.97	732.0	2.77	12.09	1.39	33.08	342.7	1.59	22.24
33	0.07	0.0	101.2	0.05	87.47	0.01	0.0	67.1	0.05	132.30
34	1.25	0.0	1272.3	0.78	6.95	0.16	0.0	823.9	0.58	10.77
35	0.89	0.0	682.0	0.39	12.96	0.06	0.0	793.0	0.68	11.14
36	0.26	0.0	658.6	0.52	13.46	0.06	0.28	460.4	0.58	19.25
37	0.22	0.0	524.7	0.42	16.89	0.05	0.14	345.1	1.00	25.69
38	0.08	0.0	491.0	1.14	18.07	0.05	0.18	295.7	2.18	29.97
39	0.03	0.0	573.9	1.86	15.46	0.06	0.28	349.2	2.52	25.37

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5041	75.	DATS	B210	85.	5042	75.	HOND	CVCC	91.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.97	20.33	719.1	8.73	11.77	2.10	28.29	536.1	4.22	15.12
2	0.02	0.18	173.5	0.35	51.07	0.18	4.29	163.3	0.53	52.03
3	0.33	1.90	649.7	3.76	13.58	0.83	18.76	726.2	3.24	11.70
4	0.32	1.64	461.0	3.66	18.31	0.56	10.49	382.2	2.62	22.16
5	0.35	1.76	411.1	6.55	21.39	0.69	7.93	326.3	3.55	26.03
6	0.03	0.20	159.4	0.41	55.54	0.03	1.18	115.9	0.59	75.26
7	1.42	19.56	505.0	10.54	16.43	1.51	66.19	526.1	2.68	19.03
8	0.03	0.32	158.3	0.55	55.84	0.06	1.57	127.4	0.99	66.23
9	0.37	4.99	417.2	7.62	20.82	0.56	21.03	317.9	4.70	25.16
10	0.02	0.35	159.3	0.48	55.50	0.05	1.10	113.8	0.89	76.73
11	0.89	20.33	509.1	9.17	16.32	1.57	64.47	352.5	4.27	14.34
12	0.02	0.32	162.6	0.32	54.39	0.06	1.34	110.9	0.84	78.58
13	0.72	16.27	517.1	9.09	16.29	1.10	55.97	373.2	4.62	14.10
14	0.02	0.27	155.2	0.54	56.99	0.04	0.82	104.1	0.63	84.10
15	0.05	0.28	153.1	0.25	57.76	0.04	1.93	101.3	0.30	84.94
16	0.04	0.68	262.2	0.37	33.70	0.06	12.62	251.8	0.50	32.64
17	0.42	4.16	546.4	7.64	16.01	1.03	15.11	100.9	5.24	69.56
18	0.03	0.25	140.0	0.34	63.19	0.08	1.56	104.9	0.37	82.50
19	0.40	6.58	534.1	7.06	16.26	0.51	14.46	423.7	5.65	19.61
20	0.03	0.26	162.3	0.35	54.50	0.04	2.10	98.8	0.55	86.84
21	1.39	31.05	592.2	11.77	13.75	2.29	103.67	390.3	3.60	15.64
22	0.03	0.33	162.4	0.37	54.43	0.04	1.31	119.1	0.98	73.18
23	0.34	3.04	604.7	5.91	14.54	0.51	17.83	539.6	3.91	15.59
24	0.45	7.81	433.9	7.49	19.63	0.56	22.51	336.7	4.62	23.74
25	0.02	0.34	156.0	0.45	56.69	0.01	0.95	113.2	0.89	77.34
26	0.02	0.26	175.1	0.36	50.55	1.26	7.93	123.4	0.37	63.47
27	0.40	5.42	481.3	7.57	18.07	0.50	22.23	373.1	5.37	21.67
28	0.03	0.32	162.5	0.43	54.43	0.01	1.65	110.6	0.72	76.01
29	0.25	3.17	557.3	3.94	15.76	0.24	12.46	486.6	3.63	17.52
30	0.98	21.52	478.0	8.97	17.24	1.07	63.64	346.4	3.49	19.73
31	0.03	0.28	156.1	0.35	55.97	0.04	1.18	112.7	1.51	77.39
32	0.04	0.50	163.9	0.29	53.84	0.07	3.11	119.5	0.30	71.24

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5041	75.	DATS	B210	85.	5042	75.	HOND	CVCC	91.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.28	4.52	320.2	3.77	27.05	0.46	16.73	262.9	2.88	28.57
BAG (CALC)	0.27	4.69	320.2	3.66	27.03	0.40	15.84	240.9	2.48	33.23
33	0.02	0.0	37.5	0.05	236.44	0.19	0.26	29.9	0.03	267.11
34	0.89	5.12	507.4	0.59	17.13	1.43	4.32	509.2	0.39	17.05
35	0.68	4.40	318.8	0.49	27.07	0.19	4.01	554.1	0.59	15.62
36	0.45	1.91	244.2	0.85	35.69	0.17	2.91	353.1	0.47	24.78
37	0.19	0.20	219.0	2.48	40.36	0.08	1.86	256.6	0.82	34.16
38	0.17	0.30	247.9	2.13	35.65	0.03	1.20	219.2	1.76	40.13
39	0.12	0.59	304.4	3.65	29.03	0.02	0.94	266.6	3.51	32.66

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5043	75.	TOYO	CORO	123.	5044	75.	VOLK	SEDA	97.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.16	0.46	634.4	5.21	13.96	0.58	20.77	764.1	7.74	11.11
2	0.08	0.38	442.6	0.52	20.01	0.02	1.29	243.4	0.47	36.16
3	0.65	0.62	591.6	1.38	14.97	0.29	17.99	991.1	8.26	8.70
4	0.02	0.33	519.7	2.62	17.06	0.06	1.56	519.3	4.73	17.00
5	0.05	0.28	465.3	4.86	19.05	0.10	1.81	448.4	6.10	19.65
6	0.10	0.29	264.3	1.24	33.48	0.0	1.05	168.7	0.41	52.11
7	0.64	15.46	443.1	4.94	18.91	0.96	51.80	383.4	1.87	18.97
8	0.21	0.25	339.3	3.08	26.08	0.02	0.45	218.9	0.44	40.40
9	0.04	0.33	381.0	6.13	23.26	0.52	12.34	355.7	2.11	23.56
10	0.10	0.30	267.1	2.02	33.13	0.01	0.81	186.8	0.46	47.16
11	0.02	2.33	552.3	6.25	15.96	1.44	94.33	389.4	1.36	18.37
12	0.13	0.40	302.6	2.52	29.23	0.06	0.65	225.9	0.41	39.09
13	0.02	1.54	562.0	6.02	15.72	1.33	97.65	419.9	1.85	15.37
14	0.09	0.22	279.5	2.76	31.68	0.03	0.61	201.3	0.44	43.85
15	0.03	0.25	378.4	0.70	23.43	0.09	0.93	228.2	0.30	38.60
16	0.0	0.0	801.2	0.86	11.08	0.26	3.08	542.4	0.50	16.26
17	0.04	3.86	585.1	4.79	15.01	0.34	12.25	513.5	5.28	16.63
18	0.17	0.24	288.6	1.16	30.65	0.06	0.48	189.8	0.22	46.52
19	0.05	1.83	522.1	3.83	16.90	0.37	4.09	469.3	2.69	18.61
20	0.04	0.21	321.1	.94	27.60	0.08	0.99	221.5	0.32	39.74
21	0.30	31.46	578.5	3.91	14.11	1.49	87.76	389.6	0.98	17.71
22	0.08	0.31	307.7	2.97	26.78	0.07	0.97	242.3	0.52	36.37
23	0.08	1.75	650.1	3.46	13.54	0.23	8.64	563.9	5.60	15.34
24	0.00	0.31	449.5	3.59	19.72	1.04	51.66	336.7	1.63	21.07
25	0.13	0.23	324.1	3.76	27.32	0.03	0.80	227.7	0.46	38.80
26	0.09	0.51	588.6	1.26	15.65	0.06	1.38	348.3	0.68	25.31
27	0.03	1.30	497.8	5.25	17.75	0.47	27.40	429.9	3.83	18.71
28	0.13	0.33	305.0	2.80	29.01	0.04	1.11	225.7	0.44	39.61
29	0.01	0.39	535.6	2.27	16.55	0.15	6.20	521.3	4.62	16.70
30	0.01	0.22	405.4	3.77	21.67	1.16	46.56	337.6	1.45	21.90
31	0.11	0.27	371.9	4.26	23.81	0.03	1.08	236.8	0.40	37.20
32	0.10	0.35	491.8	0.67	18.01	0.07	2.68	320.2	0.84	27.34

APPENDIX E (CONTD)

CALIFORNIA

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5043	75.	TOYO	COKO	133.	5044	75.	VOLK	SEDA	97.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ALT)	0.09	3.70	407.5	3.61	21.46	0.32	21.69	315.5	1.88	25.31
BAG (CALC)	0.08	3.30	418.5	3.64	20.94	0.34	24.05	321.2	2.02	24.65
33	0.02	0.0	50.8	0.03	174.70	0.11	1.14	44.2	0.03	191.46
34	0.24	0.63	609.8	0.38	14.54	0.96	10.68	719.0	0.59	12.00
35	0.04	0.09	618.8	0.48	14.34	0.57	7.96	642.1	0.98	13.52
36	0.01	0.07	517.2	0.38	17.16	0.52	6.67	340.3	0.66	25.16
37	0.01	0.10	349.9	0.58	22.18	0.09	0.22	291.7	1.18	30.18
38	0.08	0.07	276.2	1.91	32.09	0.02	0.0	259.4	1.50	34.21
39	0.05	0.10	317.7	5.16	27.91	0.04	0.53	299.0	4.11	29.59

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

VEH	YEAR	MAKE	MODL	CID
5045	75.	VOLK	RABB	90.

MODE NO.	HC	CO	CO2	NOX	MPG
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14	SURVEILLANCE DRIVING SEQUENCE				
15					
16	ACCEL/DECEL DATA				
17					
18					
19	DELETED FOR THIS VEHICLE				
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					

APPENDIX E (CONTD)

CALIFORNIA

VEH	YEAR	MAKE	MODL	CID
5045	75.	VOLK	RAEB	90.

MODE NO.	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.55	19.41	343.9	2.43	23.59
BAG (CALC)	DELETED FOR THIS VEHICLE				
33	0.01	0.00	67.5	0.05	131.43
34	0.07	0.00	830.6	0.34	10.68
35	0.12	0.0	442.2	0.78	20.05
36	0.10	0.01	314.1	0.92	28.23
37	0.10	0.00	267.0	2.68	33.20
38	0.12	0.02	316.2	2.56	28.03
39	0.38	2.65	309.4	1.79	28.19

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6001	75.	CHEV	C10	350.	6002	75.	CHEV	C10	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.58	20.61	1219.6	8.53	7.08	0.29	9.83	1145.5	6.22	7.64
2	0.09	0.09	439.7	0.29	20.17	0.07	1.03	464.6	0.49	19.03
3	0.44	14.54	1134.7	2.21	7.66	0.29	9.37	1303.1	1.81	6.73
4	0.13	0.65	791.7	4.07	11.19	0.09	0.19	831.8	2.53	10.66
5	0.19	2.75	721.6	6.24	12.22	0.11	1.65	718.2	4.25	12.31
6	0.23	0.30	260.9	0.40	33.87	0.08	0.43	306.9	0.43	28.83
7	0.48	14.07	896.1	12.33	9.65	0.23	9.48	928.7	6.86	9.40
8	0.15	0.30	327.6	1.64	27.02	0.07	0.67	307.0	0.86	28.79
9	0.18	4.63	712.6	8.61	12.32	0.08	0.60	685.8	6.36	12.92
10	0.13	0.41	295.8	0.93	29.89	0.04	0.46	308.4	0.64	28.70
11	0.30	14.46	870.0	10.17	9.93	0.14	5.12	869.2	7.13	9.89
12	0.17	1.25	306.6	1.11	28.71	0.10	1.81	325.1	0.90	27.04
13	0.26	10.95	849.3	9.98	10.23	0.13	3.58	880.5	6.93	10.01
14	0.14	2.38	356.1	1.35	24.63	0.04	0.52	313.8	0.95	28.20
15	0.04	3.61	379.8	0.76	23.02	0.02	0.53	373.2	0.61	23.72
16	0.10	0.19	864.2	0.61	10.26	0.10	2.19	788.6	0.45	11.20
17	0.27	9.59	875.6	7.86	9.96	0.12	3.68	941.5	5.71	9.37
18	0.12	0.32	342.5	0.57	22.56	0.06	0.30	329.7	0.48	26.86
19	0.40	17.32	752.8	7.26	11.36	0.09	1.92	830.0	5.08	10.65
20	0.18	0.18	419.9	0.53	21.09	0.10	0.61	422.5	0.52	20.94
21	0.58	24.62	934.0	11.32	9.11	0.80	46.75	979.7	7.11	8.41
22	0.15	0.68	382.8	1.32	23.09	0.09	1.56	364.5	0.90	24.17
23	1.15	31.05	890.3	4.77	9.41	0.25	9.59	1037.9	4.28	8.42
24	0.20	3.67	651.9	7.65	13.48	0.06	0.51	686.7	5.23	12.87
25	0.15	1.86	422.5	1.69	20.84	0.08	0.79	351.7	1.14	25.13
26	0.05	1.92	670.3	0.45	13.16	0.05	1.47	526.7	0.80	16.77
27	0.19	5.95	730.4	7.82	11.99	0.09	1.73	774.2	5.75	11.42
28	0.16	6.05	432.8	1.18	20.04	0.05	0.63	397.7	0.97	22.25
29	0.35	[illegible]	750.2	2.92	11.41	0.15	5.96	873.2	2.96	10.05
30	0.24	[illegible]	610.2	7.00	14.14	0.07	1.39	726.4	5.13	12.18
31	0.16	[illegible]	452.3	1.66	19.46	0.04	0.54	375.6	1.25	23.57
32	0.09	[illegible]59	546.6	0.72	16.16	0.05	1.60	448.9	0.85	19.65

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6001	75.	CHEV	C10	350.	6002	75.	CHEV	C10	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.20	6.65	552.0	4.10	15.76	0.10	2.83	582.9	2.93	15.10
BAG (CALC)	0.20	6.74	575.6	4.17	15.13	0.09	2.93	593.0	2.93	14.84
33	0.02	0.0	100.0	0.12	88.73	0.01	0.01	99.1	0.08	89.51
34	0.73	0.0	1182.7	0.71	7.49	0.37	0.14	1192.5	0.47	7.43
35	0.18	0.0	820.3	0.71	10.81	0.18	0.0	817.6	0.23	14.36
36	0.10	0.0	531.0	0.55	16.71	0.10	0.0	569.2	0.47	15.58
37	0.09	0.0	467.5	0.51	16.97	0.08	0.0	475.3	0.43	16.66
38	0.04	0.0	419.0	1.12	21.18	0.03	0.0	461.2	1.06	19.24
39	0.05	0.37	406.3	1.86	21.81	0.03	0.0	495.0	2.37	17.93

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6003	75.	CHEV	C10	350.	6004	75.	GMC	1500	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.41	0.97	1510.2	4.79	5.87	0.37	0.10	1143.9	19.30	7.75
2	0.62	0.86	477.3	0.42	18.47	0.26	0.05	462.3	0.85	19.16
3	0.56	1.20	1585.9	3.09	5.58	0.45	0.02	1177.8	4.57	7.53
4	0.29	0.54	1034.5	3.39	8.57	0.21	0.01	766.2	8.64	11.57
5	0.35	0.63	842.0	3.50	10.51	0.19	0.03	634.9	12.44	13.97
6	1.01	0.42	332.9	0.46	26.35	0.22	0.02	318.8	1.65	27.78
7	1.08	3.56	1020.1	3.92	8.62	0.30	0.54	833.7	16.17	10.62
8	0.63	0.23	357.3	1.01	24.68	0.16	0.05	357.0	3.54	24.82
9	0.15	0.26	838.2	3.26	10.58	0.17	0.09	711.8	15.27	12.46
10	0.44	0.09	282.9	0.66	31.20	0.26	0.02	328.2	2.60	26.97
11	0.19	6.54	1083.9	4.19	8.11	0.25	0.16	866.4	18.47	10.23
12	0.41	0.53	344.4	0.79	25.61	0.30	0.05	381.8	2.97	23.18
13	0.15	6.36	1078.4	4.03	8.15	0.24	0.12	835.7	17.09	10.61
14	0.28	0.50	344.3	0.87	25.65	0.19	0.04	362.7	3.40	24.42
15	0.19	1.08	372.6	0.35	23.67	0.13	0.04	376.8	0.92	23.52
16	0.0	2.91	830.3	1.34	10.63	0.33	0.01	868.6	0.61	10.21
17	0.14	2.35	1145.8	4.45	7.72	0.31	0.51	844.5	15.99	10.49
18	0.37	0.0	343.5	0.48	25.75	0.30	0.03	369.1	1.92	23.98
19	0.12	0.22	997.3	3.70	8.89	0.24	0.10	737.9	13.70	12.01
20	0.39	0.44	412.8	0.61	21.40	0.41	0.04	422.0	1.72	20.96
21	0.40	28.28	1194.6	4.57	7.16	0.34	0.67	932.6	17.72	9.50
22	0.31	0.40	347.3	0.86	25.44	0.30	0.03	398.1	3.10	22.24
23	0.10	1.34	1314.2	4.14	6.74	0.37	0.38	920.1	12.31	9.63
24	0.16	0.69	843.9	2.97	10.50	0.16	0.09	622.5	13.72	14.24
25	0.39	0.80	393.8	1.11	22.40	0.16	0.04	422.2	4.02	20.99
26	0.31	1.65	553.9	0.44	15.92	0.32	0.01	560.2	1.33	15.82
27	0.11	1.00	955.9	3.90	9.27	0.23	0.12	728.0	15.50	12.18
28	0.38	0.99	387.1	1.00	22.77	0.27	0.03	424.9	3.17	20.84
29	0.13	2.02	1118.1	2.69	7.91	0.33	0.05	792.2	9.84	11.19
30	0.20	1.05	866.2	3.45	10.22	0.14	0.17	673.3	14.33	13.17
31	0.42	0.74	348.5	1.23	25.28	0.15	0.04	454.6	4.46	19.50
32	0.24	2.98	536.5	0.49	16.38	0.48	0.01	556.2	1.43	15.91

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6003	75.	CHEV	C10	350.	6004	75.	GMC	1500	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.28	3.61	632.2	2.12	13.90	0.23	0.09	598.7	8.21	14.80
BAG (CALC)	0.25	3.82	658.9	2.19	13.33	0.22	0.09	585.2	8.42	15.15
33	0.05	0.00	99.4	0.12	89.18	0.05	0.0	88.8	0.04	99.72
34	3.41	3.43	1196.7	0.44	7.32	0.94	0.0	1092.7	0.47	8.10
35	1.03	0.93	833.1	0.47	10.59	0.30	0.01	863.3	0.83	10.27
36	0.78	0.86	540.2	0.31	16.31	0.20	0.0	552.6	0.63	16.04
37	1.46	0.00	490.6	0.70	17.92	0.14	0.0	423.8	1.50	20.92
38	0.18	0.00	449.3	1.14	19.73	0.07	0.01	466.8	3.49	19.00
39	0.07	0.02	488.0	2.31	18.18	0.06	0.04	521.1	8.14	17.02

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6005	75.	DODG	B100	318.	6006	75.	FORD	F100	390.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.31	3.64	1291.1	13.20	6.84	1.25	11.74	1287.4	6.93	6.78
2	0.11	3.16	492.5	0.50	17.83	0.95	4.61	665.6	0.64	13.13
3	0.33	7.65	1492.1	4.67	5.90	1.45	24.19	1527.3	3.52	5.65
4	0.19	4.17	857.9	7.21	10.26	0.71	10.36	883.3	2.96	9.64
5	0.18	0.45	677.8	16.86	13.07	0.58	4.88	736.5	4.82	11.90
6	0.15	1.42	269.1	1.05	32.66	3.91	2.79	378.1	0.43	22.48
7	0.26	1.54	913.3	21.13	9.68	0.53	8.07	1006.5	11.14	8.72
8	0.06	0.28	303.4	1.84	29.20	5.99	2.65	405.9	0.62	20.69
9	0.13	0.14	719.3	19.31	12.33	0.43	4.26	790.9	6.91	11.11
10	0.11	1.29	314.5	1.68	28.01	3.68	2.72	386.8	0.55	22.04
11	0.17	1.67	696.1	17.51	9.87	0.50	5.57	954.3	9.47	9.20
12	0.08	1.41	339.0	1.39	25.99	5.25	2.84	438.4	0.56	19.52
13	0.16	1.40	920.5	19.18	9.61	0.53	5.82	965.2	8.47	9.09
14	0.07	0.47	297.6	1.83	29.73	4.01	2.62	403.5	0.65	21.11
15	0.32	10.47	315.7	0.21	26.64	1.04	3.16	552.5	0.51	15.83
16	0.51	16.21	1005.6	0.31	6.57	0.58	7.24	1272.6	0.90	6.90
17	0.22	3.68	990.1	12.27	8.91	0.76	6.99	977.2	6.78	8.96
18	0.07	2.05	294.5	0.53	29.79	2.51	3.35	444.7	0.49	19.38
19	0.24	3.78	938.4	11.73	9.39	0.63	9.25	881.8	6.40	9.88
20	0.12	3.58	341.4	0.57	25.55	2.17	3.54	504.1	0.52	17.18
21	0.30	3.15	1090.1	16.98	8.10	0.55	8.59	1070.8	12.16	8.17
22	0.07	0.80	318.7	1.28	27.72	4.54	2.88	444.6	0.59	19.15
23	0.31	11.34	1160.4	5.03	7.53	1.01	10.36	1072.5	4.56	8.13
24	0.15	1.78	764.7	15.68	11.26	0.40	5.44	769.9	6.00	11.38
25	0.05	0.56	257.1	1.34	34.38	5.06	2.60	441.1	0.87	19.24
26	0.29	13.76	478.6	0.22	17.71	1.80	4.22	694.3	0.96	12.56
27	0.18	1.56	873.5	16.90	10.13	0.51	5.06	873.4	6.58	10.05
28	0.13	3.79	318.6	1.80	27.30	2.93	2.76	488.1	0.80	17.69
29	0.21	6.67	1052.4	2.85	8.35	0.69	13.47	964.3	2.92	8.76
30	0.20	3.07	866.9	13.69	10.17	0.45	5.55	805.2	7.44	10.88
31	0.05	0.50	238.8	1.18	37.02	4.99	2.89	434.8	0.96	19.50
32	0.33	14.40	449.8	0.22	18.71	1.18	4.35	747.6	0.93	11.70

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6005	75.	DODG	B100	318.	6006	75.	FORD	F100	390.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.14	2.53	570.7	7.80	15.43	1.43	4.58	662.4	3.34	13.17
BAG (CALC)	0.14	2.34	590.8	8.11	14.92	1.37	4.61	682.7	3.41	12.78
33	0.18	2.12	140.8	0.39	61.34	0.15	0.81	145.1	0.18	60.46
34	2.43	39.23	1492.3	0.71	5.68	1.52	9.31	1808.7	1.86	4.85
35	1.17	18.86	754.9	0.23	11.26	0.97	4.51	915.5	0.82	9.59
36	0.48	7.96	571.3	0.39	15.16	0.46	3.06	656.8	0.63	13.39
37	0.11	0.36	375.3	2.93	23.59	0.24	3.92	493.6	0.98	17.73
38	0.08	0.19	407.6	5.18	21.75	0.28	3.22	519.9	0.94	16.88
39	0.07	0.14	476.0	10.53	18.63	0.14	2.44	550.9	2.02	15.99

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6007	75.	FORD	F100	302.	6008	75.	FORD	F100	360.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	1.13	23.49	1409.6	3.18	6.12	1.15	61.63	1162.4	9.62	7.03
2	0.01	1.42	438.5	0.42	20.14	0.16	16.78	506.9	0.42	16.63
3	0.72	8.29	1504.3	2.07	5.84	1.38	123.70	1109.2	1.68	6.79
4	0.55	2.79	877.2	2.03	10.05	0.65	36.50	869.2	5.54	9.56
5	0.43	2.30	779.2	3.08	11.32	0.55	9.95	729.8	7.87	11.68
6	0.19	1.15	289.7	0.37	30.38	0.32	5.18	376.1	0.65	23.04
7	0.80	64.98	1038.7	4.98	7.76	0.75	8.47	924.7	15.74	9.44
8	0.40	0.80	273.7	0.66	32.14	1.51	2.57	384.6	1.46	22.56
9	0.32	6.45	772.7	4.21	11.32	0.33	3.04	774.0	9.79	11.38
10	0.15	0.96	297.8	0.52	29.61	0.61	3.09	362.5	0.99	24.64
11	0.48	31.95	1020.4	4.61	8.28	0.61	10.62	944.3	14.23	9.21
12	0.21	1.48	295.8	0.48	29.71	1.43	5.99	402.8	1.07	21.30
13	0.39	21.51	1020.5	3.89	8.41	0.56	10.79	930.9	13.43	9.35
14	0.15	0.37	292.7	0.67	30.21	0.86	2.71	370.2	1.43	23.53
15	0.08	0.37	320.5	0.51	27.62	0.14	5.24	394.0	0.66	22.04
16	0.19	2.47	890.5	0.90	9.92	0.60	44.02	906.7	0.60	9.08
17	0.54	17.82	1036.8	3.41	8.32	0.71	18.81	956.7	11.70	8.98
18	0.12	1.16	301.6	0.49	29.21	0.20	4.08	384.9	0.97	22.65
19	0.46	9.62	975.1	2.87	8.95	0.66	13.41	884.7	11.01	9.78
20	0.12	0.58	396.0	0.57	22.34	0.13	5.12	460.5	0.85	18.92
21	0.80	81.25	1155.0	4.13	6.91	0.72	15.60	1060.1	16.51	8.02
22	0.18	0.82	318.7	0.69	27.69	0.80	4.41	425.6	1.35	20.40
23	0.59	14.80	1160.3	2.05	7.49	0.73	27.53	1048.1	9.12	8.12
24	0.31	12.82	789.6	2.64	10.95	0.35	7.94	761.0	9.06	11.46
25	0.14	0.22	330.9	0.62	26.76	1.09	2.74	419.7	1.91	20.76
26	0.14	0.59	492.5	0.59	17.97	0.30	9.02	599.1	1.10	14.45
27	0.35	16.07	900.1	3.05	9.58	0.48	8.33	842.3	10.68	10.36
28	0.13	0.83	371.8	0.79	23.76	0.85	2.95	429.0	1.42	20.34
29	0.49	8.97	982.5	1.39	8.89	0.57	26.76	933.6	5.62	9.06
30	0.46	50.70	842.2	2.56	9.61	0.42	7.46	801.1	10.45	10.90
31	0.15	0.83	337.7	0.75	26.15	1.11	3.08	398.7	1.69	21.80
32	0.16	1.69	538.3	0.57	16.39	0.16	9.52	496.3	1.07	17.27

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6007	75.	FORD	F100	302.	6008	75.	FORD	F100	360.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.28	9.15	614.2	1.82	14.10	0.56	10.55	618.7	5.18	13.93
BAG (CALC)	0.25	9.73	624.3	1.89	13.86	0.49	9.61	635.5	5.35	13.61
33	0.05	0.01	97.6	0.10	90.73	0.26	11.23	105.0	0.06	71.90
34	0.79	0.0	1168.9	1.17	7.58	2.64	113.07	1329.4	0.70	5.86
35	0.36	0.0	617.8	0.70	14.34	1.25	48.25	675.4	0.35	11.75
36	0.19	0.05	578.1	0.86	15.33	0.72	28.48	525.6	0.31	15.50
37	0.09	0.12	446.8	0.98	19.84	0.28	6.73	435.2	1.02	19.87
38	0.12	0.25	417.5	1.22	21.22	0.12	4.37	461.7	1.74	18.93
39	0.06	0.36	477.7	1.90	18.55	0.10	3.20	519.6	3.08	16.91

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6009	75.	FORD	F100	360.	6010	75.	GMC	C15	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	9.12	64.21	1539.1	4.31	5.32	1.37	74.01	1017.2	5.59	7.80
2	9.62	9.98	285.5	0.57	26.76	1.51	40.76	506.2	0.35	15.43
3	22.71	75.90	1866.0	2.34	4.31	3.88	199.46	896.4	1.68	7.26
4	5.98	14.46	1065.1	2.04	6.02	1.04	42.75	677.8	2.64	11.86
5	0.63	13.34	878.0	2.94	9.85	0.07	0.93	686.9	3.20	12.89
6	3.89	4.00	163.8	0.50	48.65	0.30	1.95	402.2	0.43	21.85
7	0.90	21.38	1045.7	12.86	8.20	0.18	7.71	807.9	5.91	10.82
8	2.36	2.76	194.4	0.58	43.03	0.04	0.68	388.3	0.93	22.79
9	0.61	9.78	606.1	6.55	10.78	0.04	0.83	640.2	5.04	13.83
10	5.06	4.14	176.7	0.50	44.55	0.36	9.20	348.0	0.58	24.40
11	1.67	18.03	998.8	9.80	8.60	0.30	11.98	854.9	6.85	10.15
12	6.40	5.66	160.8	0.59	46.72	0.48	10.56	415.5	0.83	20.47
13	1.95	11.88	995.0	6.93	8.70	0.31	14.53	823.7	6.37	10.47
14	4.16	4.33	203.1	0.55	39.79	0.15	1.75	366.8	0.87	22.64
15	5.08	12.76	220.2	0.51	34.62	0.11	8.01	432.3	0.76	19.93
16	28.92	0.0	636.8	0.75	12.18	4.30	212.20	805.6	0.0	7.70
17	3.60	13.68	1110.8	4.17	7.76	0.56	29.74	846.2	5.28	9.92
18	5.86	7.28	206.2	0.83	37.57	0.46	7.63	413.1	0.45	20.81
19	2.96	17.98	1078.3	4.63	7.95	0.62	28.66	684.7	4.60	12.13
20	8.46	8.74	215.6	0.72	34.65	1.01	18.16	464.5	0.52	17.89
21	2.35	17.04	1144.9	12.56	7.53	0.46	22.50	955.2	7.38	8.95
22	6.27	6.01	204.0	0.70	38.03	0.52	10.97	435.0	0.90	19.55
23	7.08	21.56	1296.2	3.19	6.56	1.17	65.46	799.4	3.63	9.80
24	0.73	4.25	802.6	6.52	10.94	0.03	0.78	645.3	4.33	13.73
25	3.45	2.86	208.6	0.77	39.62	0.07	0.76	445.3	1.12	19.87
26	7.72	11.53	382.8	1.18	20.66	0.07	7.46	577.1	1.25	15.07
27	1.75	8.96	876.5	4.25	9.90	0.27	15.63	749.3	5.61	11.46
28	5.84	5.38	247.5	0.56	32.33	0.48	14.09	448.4	1.07	18.60
29	7.86	25.56	1104.5	1.79	7.59	1.19	73.20	729.5	2.51	10.46
30	0.84	9.49	872.9	9.89	9.97	0.04	0.83	673.3	4.89	13.15
31	3.02	4.11	230.6	0.81	35.95	0.03	0.62	516.3	1.31	17.15
32	8.98	15.08	336.5	0.93	22.84	0.54	21.30	538.5	1.14	15.47

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	6009	75.	FORD	F100	360.	6010	75.	GMC	C15	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	4.36	8.57	547.6	3.02	15.44	0.50	16.07	517.1	2.73	16.32
BAG (CALC)	3.71	8.64	564.5	3.24	15.04	0.45	17.16	594.3	2.87	14.25
33	5.88	4.59	60.4	0.06	102.93	0.61	24.31	71.7	0.02	79.40
34	80.74	40.97	726.7	0.71	8.48	10.95	323.28	859.6	0.24	6.33
35	66.39	9.59	543.5	0.82	11.54	6.71	171.44	418.7	0.12	12.51
36	33.75	7.94	454.1	0.79	15.47	2.96	79.65	384.6	0.24	17.10
37	0.88	3.81	453.3	1.18	19.21	0.25	0.01	428.0	0.31	20.70
38	2.26	3.47	430.1	0.52	20.05	0.12	0.00	427.6	0.89	20.74
39	0.52	3.79	299.8	1.08	28.88	0.04	0.00	472.4	2.23	18.78

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5011	75.	AMC	GREM	258.	5012	75.	BUIC	REGA	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	2.32	38.69	1138.7	7.64	7.35	0.88	35.27	1482.5	7.62	5.76
2	1.12	28.44	417.4	0.84	19.06	0.07	6.38	563.4	0.28	15.73
3	3.52	67.67	1265.4	8.90	6.42	0.14	0.94	1619.6	3.35	5.47
4	1.63	23.18	802.3	4.65	10.52	0.15	3.32	993.6	4.19	8.88
5	0.94	5.92	661.2	4.74	13.18	0.13	3.88	751.2	4.11	11.71
6	0.53	9.20	259.6	1.44	32.19	0.09	0.19	332.2	0.37	26.67
7	1.05	26.33	805.8	8.49	10.44	0.23	11.11	1016.0	8.67	8.56
8	0.64	6.80	302.6	0.86	28.14	0.06	0.15	329.1	0.83	26.94
9	0.64	4.28	642.7	5.98	13.62	0.16	12.93	800.4	5.83	10.81
10	0.62	14.22	302.7	0.69	27.14	0.04	0.21	348.7	0.72	25.42
11	0.92	14.47	806.0	8.63	10.67	0.23	13.27	996.7	7.27	8.72
12	1.10	18.44	315.0	0.66	25.54	0.05	0.15	363.5	0.62	24.39
13	0.93	13.44	824.3	8.49	10.46	0.20	12.11	1000.2	7.95	8.70
14	0.64	11.59	270.6	0.72	30.52	0.03	0.17	326.9	0.65	27.12
15	0.79	15.99	353.7	0.96	23.27	0.02	0.34	396.0	0.25	22.38
16	2.66	88.04	674.0	0.60	10.81	0.06	1.00	1071.2	0.74	8.27
17	1.28	12.78	863.2	7.52	10.00	0.26	15.66	1038.9	6.86	8.34
18	0.67	16.54	268.7	1.04	29.90	0.04	0.27	346.3	0.33	25.59
19	1.17	12.34	811.2	7.49	10.64	0.27	17.75	1021.0	5.79	8.46
20	0.86	21.42	331.6	1.18	24.07	0.03	0.32	416.4	0.42	21.28
21	1.20	10.49	923.1	10.45	9.41	0.41	25.98	1124.9	8.73	7.61
22	0.91	17.46	304.7	0.72	26.49	0.05	0.29	379.6	0.58	23.34
23	1.78	21.50	1018.3	6.32	8.39	0.21	13.07	1229.5	6.70	7.10
24	0.76	5.54	693.2	6.98	12.60	0.16	11.26	822.4	5.31	10.56
25	0.70	9.93	263.6	0.69	31.53	0.05	0.17	296.3	0.59	29.72
26	1.17	30.77	449.4	1.24	17.70	0.01	0.53	573.7	0.36	15.45
27	0.88	8.59	767.9	7.65	11.32	0.22	14.07	930.4	6.22	9.31
28	0.67	16.58	318.0	0.79	25.64	0.04	0.29	376.4	0.69	23.54
29	1.70	18.93	916.9	5.79	9.32	0.11	4.04	1134.6	5.78	7.78
30	0.87	12.24	728.4	8.58	11.63	0.24	15.42	889.2	6.01	9.71
31	0.72	10.20	286.4	0.80	29.13	0.05	0.23	292.6	0.62	30.28
32	1.16	31.78	394.4	1.06	19.81	0.01	0.56	508.2	0.49	17.43

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5011	75.	AMC	GREM	258.	5012	75.	BUIC	REGA	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.79	13.31	485.5	3.76	17.44	0.10	4.19	537.4	3.27	16.31
BAG (CALC)	0.82	13.50	535.8	3.83	15.86	0.10	4.66	640.9	3.37	13.69
33	0.31	5.86	97.3	0.29	82.56	0.02	0.0	106.7	0.08	83.12
34	3.90	81.15	968.5	1.87	8.01	0.43	0.0	1258.4	0.70	7.05
35	1.35	13.25	628.7	1.17	13.57	0.18	0.0	763.2	0.35	11.62
36	1.23	18.29	352.2	0.70	23.06	0.12	0.0	507.8	0.31	17.46
37	0.45	1.83	268.0	1.79	30.37	0.19	0.0	369.9	0.31	23.95
38	0.41	1.96	301.8	3.82	28.99	0.07	0.0	388.6	1.25	22.83
39	0.22	1.84	372.0	2.65	23.63	0.03	0.0	443.9	3.87	19.99

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5013	75.	BUIC	ELEC	455.	5014	75.	BUIC	LESA	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	3.25	70.74	1167.3	19.78	6.89	0.38	1.80	1336.4	10.85	6.62
2	1.48	34.27	510.4	1.19	15.60	0.14	1.98	420.8	0.22	20.92
3	6.16	88.28	1163.6	4.38	6.71	0.34	2.07	1413.3	3.00	6.26
4	2.53	52.02	752.1	11.01	10.54	0.25	0.85	887.4	5.82	9.98
5	1.06	13.28	662.7	12.32	12.92	0.19	0.25	705.8	6.35	12.56
6	0.80	2.36	367.8	1.29	23.73	0.15	0.66	288.5	0.44	30.60
7	0.73	8.01	894.3	21.09	9.76	0.89	48.24	980.7	9.75	8.38
8	0.40	0.76	418.0	4.38	21.11	0.14	0.94	275.3	0.98	32.02
9	0.26	1.50	707.3	17.68	12.49	0.10	0.59	786.1	7.58	11.24
10	0.75	4.45	379.5	2.94	22.82	0.06	0.91	277.2	0.67	31.83
11	0.55	8.54	971.7	25.28	8.99	0.31	10.84	997.8	11.10	8.74
12	1.10	6.62	446.5	4.10	19.28	0.08	0.63	290.9	0.66	30.35
13	0.53	8.09	948.3	26.27	9.22	0.12	3.91	967.3	9.64	9.11
14	0.72	3.61	410.8	4.15	21.19	0.05	0.37	299.3	1.26	29.58
15	0.96	23.94	459.2	1.66	17.75	0.0	0.62	307.8	0.66	28.75
16	2.71	73.88	1015.3	0.74	7.79	0.0	2.02	823.7	0.91	10.73
17	1.48	28.35	927.3	19.67	9.09	0.11	1.45	996.0	8.41	8.89
18	0.67	5.70	471.7	1.41	18.38	0.04	1.58	299.8	0.49	29.35
19	1.22	26.63	772.9	17.43	10.84	0.09	0.46	921.7	9.02	9.62
20	0.99	10.81	539.1	2.03	15.87	0.02	2.24	370.9	0.62	23.70
21	0.72	12.52	1017.6	26.61	8.54	0.78	41.55	1117.4	11.57	7.49
22	0.86	6.57	508.8	4.02	17.01	0.05	0.49	330.6	1.08	26.77
23	1.94	47.15	915.2	14.33	8.92	0.02	0.37	1141.7	7.91	7.77
24	0.66	11.44	577.7	16.55	14.85	0.05	1.05	764.2	6.11	11.59
25	0.48	2.04	499.9	4.74	17.59	0.06	0.56	328.1	1.32	26.96
26	1.51	38.15	893.4	1.68	11.71	0.0	1.08	516.7	0.81	17.12
27	0.76	14.91	795.7	20.56	10.80	0.08	0.99	860.7	7.85	10.29
28	0.70	5.69	499.0	3.51	17.40	0.03	0.77	380.8	1.12	23.23
29	2.15	59.21	744.8	10.77	10.51	0.04	1.49	924.7	5.51	9.57
30	0.83	14.32	598.3	16.99	14.24	0.14	6.83	612.0	6.64	10.78
31	0.57	1.75	547.4	5.60	16.08	0.05	1.02	349.4	1.47	25.27
32	1.37	33.72	603.7	1.77	13.43	0.0	1.61	473.0	0.72	18.66

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5013	75.	BUIC	ELEC	455.	5014	75.	BUIC	LESA	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.80	11.95	618.1	10.19	13.88	0.16	3.88	584.2	4.12	15.02
BAG (CALC)	0.78	12.21	648.1	10.61	13.25	0.13	4.26	601.0	4.12	14.59
33	0.38	4.68	121.8	0.10	68.11	0.03	0.00	101.7	0.14	87.21
34	3.90	15.53	2605.7	1.17	3.36	0.52	0.15	1220.6	0.94	7.26
35	1.87	12.37	762.4	0.47	11.27	0.47	0.86	620.5	0.35	14.24
36	1.72	23.21	635.8	0.62	13.10	0.32	1.17	572.0	0.47	15.44
37	1.08	8.58	404.0	1.56	21.08	0.35	0.97	426.7	0.35	20.67
38	0.12	0.11	447.1	3.87	19.83	0.06	0.0	413.9	1.10	21.43
39	0.08	0.12	517.2	7.97	17.15	0.06	0.05	481.0	3.17	18.44

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5015	75.	CAD1	DEVI	500.	5016	75.	CHEV	MONZ	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	1.73	110.68	1345.7	2.63	5.82	1.40	18.00	666.2	5.90	12.70
2	0.61	7.98	438.5	1.18	19.59	0.00	1.92	323.2	1.40	27.21
3	2.38	36.84	1640.8	3.07	5.20	0.55	18.57	719.9	4.26	11.82
4	0.67	36.39	654.5	1.36	9.71	0.46	15.98	447.6	3.04	18.71
5	0.30	34.27	749.9	1.14	11.03	0.10	2.50	360.6	6.05	24.33
6	0.51	7.25	329.0	0.18	25.95	0.01	0.13	265.6	1.66	33.39
7	1.35	161.77	987.2	2.95	7.12	0.11	2.57	414.1	6.25	21.21
8	0.39	19.88	376.1	0.39	21.72	0.06	1.68	271.0	2.89	32.41
9	0.58	79.45	696.0	1.85	10.79	0.03	1.07	401.7	5.52	22.60
10	0.94	18.31	309.8	0.29	25.98	0.00	1.29	250.0	2.08	35.21
11	0.93	127.84	1002.9	3.35	7.35	0.50	12.80	517.0	6.03	16.47
12	1.24	20.59	356.8	0.34	22.58	0.07	2.73	288.6	2.35	30.28
13	1.02	122.08	965.0	3.50	7.65	0.48	15.19	569.5	6.91	14.92
14	0.77	23.52	364.0	0.40	22.00	0.03	2.20	265.0	2.59	30.76
15	0.13	3.08	459.1	1.15	19.12	0.0	3.07	300.5	1.77	29.07
16	0.84	23.50	806.5	0.74	10.49	0.01	11.27	886.9	3.43	9.79
17	0.99	106.70	971.7	2.88	7.77	0.97	31.52	576.0	5.75	14.12
18	0.63	16.30	417.3	0.41	19.95	0.0	2.68	290.3	1.68	30.13
19	0.65	90.43	859.3	2.16	8.85	0.68	24.01	499.6	3.60	16.45
20	0.68	15.64	439.4	0.38	19.04	0.05	5.30	345.3	1.94	25.09
21	1.62	179.67	1117.7	4.26	6.32	0.95	26.07	539.7	5.07	15.21
22	0.93	27.93	399.0	0.45	19.91	0.07	4.94	314.8	2.45	27.50
23	1.07	64.42	1080.5	2.67	7.49	0.62	34.83	663.7	6.66	11.99
24	0.50	66.31	650.4	2.43	11.74	0.04	3.49	425.2	6.52	20.60
25	0.58	26.82	476.3	0.54	16.99	0.04	2.94	311.3	3.17	28.09
26	0.18	3.21	568.2	1.45	15.47	0.03	6.50	435.4	2.34	19.91
27	0.79	109.85	802.4	2.37	9.08	0.39	17.26	549.8	5.69	15.35
28	1.07	25.75	441.5	0.45	18.29	0.02	3.87	308.2	2.31	26.23
29	1.12	57.61	749.4	2.99	10.52	0.60	22.34	588.5	7.05	14.19
30	0.69	68.01	668.2	2.43	10.98	0.08	2.75	411.5	5.17	21.33
31	0.52	28.48	456.2	0.60	17.66	0.09	1.89	305.8	3.59	28.72
32	0.32	6.72	557.0	2.03	15.61	0.0	3.06	394.5	1.70	22.23

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5015	75.	CADI	DEVI	500.	5016	75.	CHEV	MONZ	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.83	56.31	625.0	1.52	12.39	0.21	6.71	348.5	3.94	24.67
BAG (CALC)	0.76	56.88	628.3	1.52	12.32	0.21	8.05	412.1	4.08	20.66
33	0.42	1.49	105.4	0.06	81.40	0.18	2.33	43.0	0.02	187.73
34	6.34	25.81	1243.9	0.71	6.80	2.27	3.99	832.1	6.79	10.50
35	3.27	13.24	621.0	0.35	13.61	0.25	0.71	561.3	0.82	15.76
36	1.14	3.58	542.5	0.71	16.09	0.05	0.0	456.7	1.87	19.42
37	0.19	0.39	444.3	1.14	19.92	0.07	0.02	209.7	2.38	42.27
38	0.36	24.37	465.0	0.60	17.60	0.03	0.0	239.8	2.63	37.60
39	0.49	52.30	537.1	1.09	14.29	0.03	0.0	261.7	5.98	33.91

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5017	75.	CHEV	CAMA	250.	5018	75.	CHEV	MALI	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.09	2.78	780.1	7.61	11.31	1.93	49.95	986.4	5.10	8.29
2	0.02	2.96	222.8	0.63	39.02	1.90	50.95	360.4	0.64	19.88
3	0.01	0.87	721.6	6.67	12.28	5.20	137.62	877.4	1.69	7.99
4	0.05	0.50	502.3	2.80	17.64	1.71	49.20	648.2	1.74	12.14
5	0.05	0.44	439.2	6.07	20.17	0.68	21.80	577.4	4.07	14.46
6	0.05	0.47	165.7	0.28	53.29	0.59	10.79	250.2	0.40	32.99
7	1.85	68.65	535.8	7.88	13.66	0.57	15.32	783.8	6.66	10.96
8	0.05	0.58	203.8	0.40	43.33	0.18	3.27	297.0	1.76	29.32
9	0.06	0.65	464.8	9.00	19.05	0.10	2.21	612.2	6.89	14.41
10	0.02	1.18	206.1	0.46	42.67	0.81	8.99	260.7	1.14	31.99
11	0.28	5.79	603.8	12.48	14.46	0.38	7.49	816.3	10.45	10.70
12	0.01	2.03	209.5	0.42	41.72	0.92	9.23	297.9	1.64	26.15
13	0.04	1.83	632.6	12.14	13.96	0.39	8.25	799.6	9.98	10.91
14	0.01	1.65	249.7	0.43	35.17	0.54	5.62	277.9	1.41	30.76
15	0.0	3.14	199.2	0.81	43.47	1.22	33.49	283.9	0.76	26.06
16	0.0	10.30	431.2	1.05	19.84	3.33	78.08	825.0	0.60	9.26
17	0.02	2.80	616.2	8.50	14.30	0.59	13.25	847.9	7.92	10.19
18	0.00	2.90	201.2	0.26	43.13	0.72	20.25	296.6	0.53	26.83
19	0.02	2.83	522.8	8.75	16.83	0.71	18.28	767.1	6.01	11.12
20	0.02	3.84	241.4	0.33	35.86	1.16	22.48	321.0	0.57	24.65
21	1.00	33.52	641.0	12.93	12.74	0.57	20.86	899.5	8.59	9.50
22	0.02	2.93	239.1	0.38	36.40	0.82	10.17	311.0	1.43	26.93
23	0.03	7.85	691.5	4.56	12.61	1.14	30.72	881.3	4.05	9.51
24	0.05	1.99	446.1	11.27	19.75	0.36	11.63	604.6	6.60	14.22
25	0.00	1.57	257.2	0.50	34.17	0.34	4.73	304.5	1.55	28.34
26	0.0	2.68	253.5	0.88	34.44	1.65	56.83	411.3	1.25	17.52
27	0.03	2.11	527.3	9.54	16.72	0.38	8.59	712.6	7.23	12.20
28	0.00	3.10	255.8	0.48	34.05	0.60	11.23	304.3	1.29	27.35
29	0.01	5.64	564.5	3.37	15.48	1.24	37.30	786.3	2.99	10.71
30	0.75	16.81	444.9	11.11	18.74	0.44	16.63	655.4	5.96	13.01
31	0.02	1.30	248.6	0.38	35.40	0.22	5.84	311.0	1.34	27.66
32	0.00	5.15	279.6	0.64	30.85	1.79	54.51	357.2	1.07	19.79

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5017	75.	CHEV	CAMA	250.	5018	75.	CHEV	MALI	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.14	4.26	510.5	3.71	17.15	0.77	16.80	513.9	3.90	16.35
BAG (CALC)	0.12	5.35	382.9	3.82	22.66	0.68	15.15	503.7	3.97	16.76
33	0.01	0.00	76.9	0.29	115.31	0.60	13.48	88.9	0.12	79.26
34	2.98	2.43	924.0	1.17	9.47	9.39	270.53	1048.7	0.71	5.90
35	1.84	2.85	529.2	0.47	16.45	4.44	99.60	580.3	0.36	11.81
36	1.11	1.34	360.7	0.31	24.23	5.05	158.68	319.0	0.16	15.19
37	0.17	0.14	300.5	0.78	29.46	1.51	40.23	318.4	0.83	22.97
38	0.07	0.0	376.0	0.57	23.59	0.25	8.34	381.8	0.61	22.43
39	0.03	0.0	397.5	1.09	22.32	0.04	0.10	433.8	3.48	20.45

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5019	75.	CHEV	MALI	350.	5020	75.	CHEV	CHEL	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	3.46	19.69	1078.9	8.25	7.92	0.54	11.11	1176.7	9.22	7.42
2	0.19	4.06	404.7	0.42	21.56	0.19	1.61	408.6	0.70	21.56
3	3.45	10.17	1181.0	2.20	7.35	0.21	2.43	1098.8	3.47	8.04
4	2.61	4.82	760.2	4.31	11.44	0.16	1.38	745.3	3.63	11.67
5	2.20	3.33	650.8	5.25	13.39	0.15	0.47	593.0	5.93	14.94
6	0.17	1.61	295.6	0.18	29.72	0.31	0.54	264.2	0.43	33.36
7	1.94	7.49	731.5	8.26	11.84	0.80	23.47	792.4	9.29	10.67
8	0.12	1.18	322.4	0.97	27.34	0.31	0.77	307.5	1.12	28.65
9	0.11	3.18	584.3	8.47	15.05	0.19	0.89	620.6	8.65	14.25
10	0.11	1.45	289.4	0.72	30.39	0.19	1.42	281.9	0.78	31.17
11	0.54	6.26	800.1	10.70	10.93	0.35	7.37	802.3	10.23	10.89
12	0.13	1.10	322.3	0.62	27.36	0.23	1.67	316.8	1.13	27.72
13	0.82	5.24	796.8	10.47	10.99	0.32	7.70	843.9	9.49	10.36
14	0.14	1.26	297.5	1.35	29.59	0.16	0.73	300.2	1.04	29.40
15	0.16	3.54	344.7	0.71	25.30	0.08	0.64	347.2	0.80	25.47
16	0.32	4.46	775.5	0.60	11.33	0.23	1.90	855.8	0.0	10.33
17	1.38	5.56	849.6	8.73	10.29	0.25	2.70	894.1	8.38	9.87
18	0.21	2.55	355.4	0.49	24.65	0.19	5.22	303.1	0.41	26.46
19	1.05	6.37	750.6	7.01	11.62	0.22	2.62	803.8	7.15	10.98
20	0.20	3.64	395.9	0.43	22.06	0.26	1.78	366.1	0.47	24.01
21	1.96	34.19	875.5	11.10	9.49	1.06	40.15	901.6	10.03	9.17
22	0.19	1.87	361.8	1.24	24.30	0.25	2.34	326.3	0.93	26.83
23	1.38	9.85	931.9	6.01	9.32	0.25	4.99	931.6	6.16	9.44
24	0.33	3.08	595.2	7.55	14.76	0.16	1.10	650.5	7.75	13.60
25	0.13	1.51	323.7	1.64	27.18	0.20	2.53	326.2	1.11	26.83
26	0.40	12.53	476.4	0.88	17.77	0.23	1.59	468.1	0.80	18.83
27	0.45	2.71	707.5	8.79	12.44	0.22	2.35	735.0	7.87	12.00
28	0.15	2.04	388.4	1.45	22.64	0.20	0.86	359.4	0.86	24.56
29	0.61	9.65	843.0	3.56	10.32	0.21	1.08	824.6	4.06	10.73
30	0.65	10.53	576.2	6.36	14.92	0.21	1.16	680.7	8.91	12.99
31	0.12	2.88	383.5	1.93	22.85	0.21	1.35	340.1	1.47	25.88
32	0.45	11.79	463.3	0.78	18.36	0.20	0.69	433.0	0.92	20.42

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5019	75.	CHEV	MALI	350.	5020	75.	CHEV	CHEL	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.46	4.98	520.2	4.19	16.76	0.23	4.23	530.0	3.82	16.52
BAG (CALC)	0.45	5.49	533.6	4.16	16.32	0.24	4.63	536.6	3.96	16.30
33	0.09	0.0	83.4	0.10	106.09	0.02	0.0	102.6	0.14	86.46
34	138.66	636.50	526.9	0.0	4.51	0.72	0.0	1209.9	1.17	7.32
35	27.82	366.97	422.1	0.12	8.17	0.53	0.0	681.9	0.47	12.98
36	17.05	249.41	274.4	0.16	12.32	0.26	0.0	440.2	0.39	20.13
37	0.60	9.91	332.9	0.83	25.23	0.07	0.0	339.1	0.78	26.15
38	0.09	1.37	392.9	0.96	22.45	0.07	0.09	392.5	0.91	22.59
39	0.05	0.65	436.9	3.71	20.21	0.07	0.20	446.6	3.37	19.65

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5021	75.	CHEV	STAW	400.	5022	75.	CHRY	CORD	400.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.26	0.05	1583.2	24.13	5.60	0.39	7.88	1423.7	8.55	6.17
2	0.22	0.0	424.8	0.50	20.86	0.05	0.73	564.9	0.64	15.68
3	0.30	0.0	1553.3	10.49	5.71	0.18	1.19	1648.4	4.40	5.38
4	0.15	0.0	930.3	13.43	9.54	0.26	8.09	962.0	3.70	9.10
5	0.11	0.01	865.3	12.39	10.25	0.11	0.68	661.6	8.02	12.99
6	0.34	0.00	280.7	0.65	31.50	0.04	0.56	344.8	1.61	25.66
7	0.40	1.89	1216.8	20.47	7.27	0.69	24.43	976.5	10.75	8.73
8	0.22	0.03	360.4	2.98	24.57	0.18	2.42	359.5	1.06	24.39
9	0.09	0.08	924.1	15.71	9.60	0.08	1.30	780.9	7.35	11.33
10	0.21	0.00	308.8	1.63	28.68	0.14	3.30	369.0	1.01	23.69
11	0.14	0.13	1160.1	22.13	7.52	0.15	4.97	1035.1	8.30	8.51
12	0.20	0.02	375.3	1.91	23.60	0.41	6.88	407.5	0.90	21.15
13	0.12	0.10	1143.2	21.00	7.76	0.14	5.02	1055.3	7.48	8.34
14	0.19	0.03	357.3	3.15	24.79	0.19	3.01	373.2	1.57	23.45
15	0.08	0.00	368.3	0.67	22.84	0.34	14.51	445.5	0.46	18.91
16	0.01	0.0	732.4	0.62	12.12	0.06	9.70	1160.0	1.51	7.55
17	0.11	0.04	1156.9	20.06	7.67	0.32	17.63	1068.6	3.09	8.09
18	0.22	0.03	333.8	1.39	26.53	0.11	4.62	363.0	1.75	22.12
19	0.13	0.03	1022.3	17.29	8.68	0.31	16.22	920.8	2.64	9.37
20	0.25	0.00	377.6	1.05	23.45	0.16	7.95	453.6	1.60	19.01
21	0.28	0.37	1324.1	24.68	6.70	1.05	40.06	1162.9	6.44	7.22
22	0.20	0.02	361.6	3.11	24.50	0.34	7.64	430.2	1.42	20.02
23	0.14	0.01	1222.9	18.07	7.25	0.41	36.07	1163.2	2.78	7.27
24	0.10	0.00	833.9	14.92	10.64	0.18	9.54	759.8	3.96	11.45
25	0.18	0.02	402.1	4.38	22.04	0.36	5.71	431.9	1.76	20.08
26	0.16	0.0	576.7	0.89	15.38	0.14	6.97	666.4	1.61	13.09
27	0.11	0.05	949.8	17.58	9.34	0.36	18.84	915.0	3.30	9.36
28	0.18	0.03	414.8	3.42	21.37	0.40	12.60	440.3	2.04	19.24
29	0.11	0.01	963.0	14.37	9.21	0.93	31.14	1066.2	3.96	7.92
30	0.15	0.09	863.8	17.04	10.27	0.31	16.81	789.9	3.64	10.86
31	0.17	0.04	472.5	4.42	18.76	0.33	7.01	444.9	1.98	19.42
32	0.11	0.01	510.8	0.86	17.36	0.88	38.62	604.9	2.48	13.28

APPENDIX E (CONTD)

ST. LOUIS

MODE NO.	VEH 5021	YEAR 75.	MAKE CHEV	MODL STAN	CID 400.	VEH 5022	YEAR 75.	MAKE CHRY	MODL CORD	CID 400.
	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.13	0.09	660.8	9.11	13.42	0.27	8.89	665.9	3.07	13.04
BAG (CALC)	0.14	0.07	681.0	9.53	13.02	0.26	10.25	674.3	3.21	12.75
33	0.34	0.00	91.8	0.06	95.58	0.03	0.0	142.1	0.14	62.41
34	0.58	0.02	1118.2	0.70	7.92	0.44	0.0	1705.8	1.63	5.20
35	0.29	0.0	625.6	0.47	14.17	0.15	0.22	918.2	0.70	9.66
36	0.20	0.0	603.6	0.47	14.69	0.13	0.00	635.3	0.54	13.96
37	0.10	0.01	450.7	1.01	19.68	0.06	0.00	416.7	1.44	21.19
38	0.04	0.00	449.5	2.75	19.74	0.04	0.00	416.5	4.35	21.20
39	0.04	0.04	562.3	9.43	15.78	0.06	3.27	509.2	4.04	17.25

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5023	75.	DODG	CORO	318.	5024	75.	DODG	DART	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	1.26	51.24	1108.9	5.39	7.44	2.29	71.24	859.1	5.53	9.07
2	0.64	32.18	411.1	0.42	19.14	0.67	13.67	205.0	0.29	38.82
3	3.21	135.37	1155.5	0.92	6.44	2.78	75.91	1007.4	1.84	7.82
4	0.57	16.82	822.6	2.39	10.43	0.56	10.73	616.8	3.44	13.97
5	0.09	1.66	614.2	3.88	14.38	0.20	3.07	510.8	5.04	17.19
6	0.20	5.71	277.5	1.63	30.91	0.89	2.35	140.7	0.19	60.28
7	0.18	0.90	818.8	10.39	10.81	0.54	19.00	700.9	14.82	12.12
8	0.30	2.37	315.7	1.55	27.71	0.65	1.24	186.9	0.52	46.50
9	0.09	1.40	598.5	6.45	14.77	0.17	5.14	541.7	10.65	16.13
10	0.76	13.49	272.5	0.96	29.98	1.35	5.52	180.4	0.56	45.91
11	0.24	7.29	679.3	9.53	9.96	0.53	13.50	665.9	13.59	12.89
12	1.18	16.02	275.6	1.18	29.15	1.68	6.27	175.0	0.39	46.66
13	0.31	10.62	857.5	8.72	10.14	0.36	8.57	693.6	8.74	12.53
14	0.62	6.69	273.2	1.42	31.07	1.24	3.13	170.1	0.48	49.60
15	0.11	3.91	354.0	0.41	24.62	0.48	8.38	167.2	0.21	48.79
16	1.94	96.41	760.9	0.01	9.66	1.79	43.11	436.6	0.31	17.40
17	0.45	18.61	879.8	6.08	9.75	0.54	13.24	690.6	6.62	12.45
18	0.51	11.61	290.5	1.94	28.60	1.70	6.75	149.1	0.19	53.75
19	0.37	14.01	793.8	5.47	10.86	0.37	10.37	689.1	5.12	12.56
20	0.75	22.95	341.1	1.89	23.39	1.78	10.66	170.6	0.24	45.98
21	0.39	12.27	950.6	12.10	9.14	0.50	14.37	791.1	18.67	10.89
22	0.88	15.44	308.4	1.55	26.46	1.73	7.58	184.9	0.42	43.67
23	0.88	39.85	912.0	3.83	9.08	0.98	32.66	796.1	3.95	10.44
24	0.09	0.72	606.9	6.58	14.59	0.13	2.17	562.3	9.53	15.68
25	0.67	4.15	304.3	2.01	28.36	1.20	2.72	168.7	0.40	50.20
26	0.20	10.25	484.9	0.95	17.69	0.81	17.82	213.9	0.30	36.31
27	0.28	9.16	748.1	8.00	11.63	0.27	5.75	644.4	7.30	13.57
28	0.78	14.33	321.7	1.38	25.60	1.25	7.31	188.3	0.42	43.56
29	0.74	35.71	835.8	2.77	9.92	0.73	19.69	716.8	3.08	11.80
30	0.11	0.58	637.4	7.13	13.90	0.18	4.44	603.4	11.25	14.53
31	0.51	2.74	305.9	2.41	28.46	1.20	2.85	153.9	0.41	54.73
32	0.41	15.74	435.6	0.71	19.23	0.96	22.33	200.3	0.22	37.23

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5023	75.	DODG	CORO	318.	5024	75.	DODG	DART	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.50	11.67	502.8	4.08	16.98	0.72	7.99	424.8	3.82	20.19
BAG (CALC)	0.45	12.48	533.0	4.15	16.02	0.68	8.32	407.8	3.93	20.98
33	0.47	19.77	73.0	0.04	84.06	0.32	7.36	53.2	0.04	134.96
34	5.59	219.61	922.7	0.70	6.90	3.52	65.39	639.3	0.48	11.78
35	2.22	69.48	594.2	0.47	12.49	1.58	21.48	347.9	0.24	20.33
36	1.16	22.62	471.6	0.62	17.37	1.05	16.21	318.6	0.32	25.55
37	0.12	0.38	347.5	1.67	25.47	0.19	0.63	254.1	1.22	34.71
38	0.09	0.05	359.1	1.53	24.69	0.24	0.02	313.8	1.34	28.22
39	0.06	0.06	394.9	3.14	22.46	0.08	0.02	380.7	3.26	23.30

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5025	75.	FORD	MUST	140.	5026	75.	FORD	MUST	302.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	2.02	13.17	734.0	6.80	11.66	3.71	84.49	1005.5	3.32	7.72
2	0.11	0.38	322.9	0.70	27.41	1.31	45.81	493.1	0.42	15.59
3	0.40	1.26	830.7	5.42	10.64	4.72	155.45	1195.4	1.81	6.10
4	0.47	1.91	481.2	4.61	18.27	2.02	50.03	693.0	1.98	11.41
5	0.46	2.06	419.8	5.12	20.91	1.45	14.31	621.7	3.08	13.68
6	0.07	0.34	194.6	1.07	45.44	1.03	13.93	301.9	0.55	27.14
7	0.70	5.68	467.6	6.60	18.54	1.68	18.11	791.3	7.22	10.75
8	0.10	0.27	224.2	1.30	39.45	1.28	12.15	369.5	1.19	22.60
9	0.27	2.58	420.5	6.05	20.86	1.44	14.54	666.4	5.11	12.79
10	0.08	0.40	202.6	1.04	43.61	1.44	22.16	326.8	1.22	24.10
11	1.25	8.91	583.7	6.35	14.75	1.68	29.63	876.8	5.37	9.53
12	0.10	0.55	241.9	1.17	36.51	2.15	27.40	366.0	0.76	21.34
13	1.04	9.03	586.5	6.08	14.69	1.84	25.91	859.6	5.21	9.79
14	0.10	0.38	213.0	1.32	41.49	1.37	16.50	362.8	1.18	22.58
15	0.05	0.89	319.6	0.86	27.64	1.00	23.34	442.4	0.51	18.40
16	0.01	2.81	658.9	0.89	13.38	3.14	153.67	849.0	1.20	8.07
17	1.35	9.66	598.7	6.48	14.36	2.15	37.38	842.9	3.94	9.77
18	0.11	0.36	239.9	1.16	36.86	1.18	23.80	334.3	0.64	23.64
19	0.86	6.07	495.4	5.81	17.48	1.89	36.12	781.0	3.76	10.52
20	0.09	0.29	231.5	1.51	38.22	1.44	35.59	401.1	0.62	19.23
21	2.56	15.45	589.0	5.98	14.28	2.30	40.24	955.9	6.80	8.65
22	0.10	0.46	245.0	1.34	36.08	1.55	25.71	438.7	1.07	18.34
23	0.92	7.49	607.0	6.45	14.28	2.79	67.34	895.1	3.17	8.79
24	0.33	3.09	432.2	5.30	20.26	1.72	16.93	630.9	5.66	13.39
25	0.12	0.41	249.3	1.65	35.46	1.54	16.17	374.2	1.98	21.94
26	0.18	0.0	414.0	1.32	21.41	1.83	48.99	584.7	0.59	13.30
27	0.60	4.92	504.9	5.93	17.25	1.61	22.44	812.1	4.41	10.41
28	0.10	0.42	248.3	1.48	35.60	1.45	24.52	452.1	1.45	17.92
29	0.66	4.49	537.4	5.20	16.24	2.67	70.82	831.5	2.05	9.33
30	0.36	3.25	401.3	5.85	21.78	1.79	17.47	686.2	6.63	12.34
31	0.09	0.35	250.2	1.88	35.36	1.93	17.69	420.2	2.09	19.55
32	0.13	0.73	360.2	1.42	24.54	1.36	40.96	532.2	0.50	14.77

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5025	75.	FORD	MUST	140.	5026	75.	FORD	MUST	302.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.41	2.29	371.6	3.56	23.58	1.76	27.84	588.1	2.62	13.92
BAG (CALC)	0.37	2.09	381.6	3.66	22.93	1.64	28.03	598.1	2.80	13.71
33	0.02	0.0	56.3	0.02	157.40	0.74	23.17	92.2	0.06	67.79
34	0.22	0.0	697.3	0.23	12.72	8.39	263.46	1130.1	0.71	5.65
35	0.15	0.07	651.4	0.47	13.61	2.00	36.00	1104.0	0.82	7.61
36	0.08	0.0	434.2	0.39	20.43	2.09	61.39	686.6	0.31	15.00
37	0.12	0.05	273.3	1.25	32.42	0.90	11.41	450.6	0.47	18.63
38	0.14	0.03	242.5	2.78	36.53	1.31	9.41	371.0	1.83	22.76
39	0.17	0.09	290.3	3.45	30.50	1.53	15.89	436.4	4.07	19.04

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5027	75.	FORD	GRAN	250.	5028	75.	FORD	CUST	351.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.54	2.33	1236.8	5.83	7.14	1.45	12.87	1314.5	8.70	6.63
2	0.11	1.71	383.1	1.40	22.98	0.22	3.46	613.1	0.65	14.33
3	0.64	3.14	1437.2	2.71	6.15	1.15	16.84	1366.1	3.11	6.36
4	0.39	1.26	801.4	4.00	11.03	0.70	8.85	890.9	4.11	9.79
5	0.31	2.44	743.9	5.36	11.86	0.67	3.91	769.4	6.65	11.41
6	0.09	1.70	244.5	0.52	35.87	0.32	2.13	437.0	0.77	20.11
7	1.39	62.49	836.9	8.82	9.45	0.83	71.80	976.3	6.26	8.13
8	0.10	1.45	281.2	1.12	31.28	0.48	2.79	396.2	3.29	22.07
9	0.14	2.52	770.0	6.54	11.46	0.52	5.72	699.1	8.44	12.50
10	0.06	1.65	296.8	0.87	29.60	0.52	2.78	400.3	2.09	21.84
11	0.19	3.23	1032.3	9.04	8.55	0.57	40.49	1034.9	7.41	8.07
12	0.08	3.38	278.2	0.90	31.28	0.76	3.83	478.0	2.32	18.25
13	0.21	10.36	1011.0	5.99	8.63	0.58	31.39	1045.8	7.44	8.09
14	0.06	2.25	313.3	1.27	28.00	0.44	3.48	421.9	2.82	20.70
15	0.10	3.35	304.9	1.66	28.59	0.21	5.90	480.2	1.01	16.11
16	0.23	12.80	644.1	1.19	13.35	2.09	49.53	904.2	1.05	8.98
17	0.27	4.31	1033.2	6.36	8.53	1.59	29.70	977.4	7.99	8.62
18	0.08	4.72	275.5	0.60	31.34	0.42	6.50	491.4	0.90	17.65
19	0.25	4.23	990.1	7.07	8.90	1.10	26.10	823.4	5.28	10.23
20	0.10	7.37	303.9	0.66	28.10	0.55	9.71	527.4	0.86	16.30
21	0.43	25.61	1156.5	9.55	7.41	2.98	179.66	1001.7	5.93	6.66
22	0.08	3.71	340.7	1.21	25.59	1.26	10.80	457.6	2.63	18.54
23	0.31	9.58	1162.6	5.07	7.53	1.71	38.43	1070.5	4.82	7.81
24	0.17	3.66	769.5	5.85	11.44	0.80	10.67	731.5	6.89	11.62
25	0.07	3.37	301.3	1.58	28.93	0.71	4.20	454.1	3.39	19.17
26	0.20	6.67	476.8	2.48	18.19	0.36	5.39	794.1	1.03	11.04
27	0.19	4.79	888.1	6.15	9.90	1.08	16.11	848.8	8.67	10.11
28	0.09	5.12	330.9	1.38	26.17	1.05	7.52	467.5	2.83	17.66
29	0.29	9.02	934.9	3.16	9.34	1.33	29.24	937.2	3.30	8.99
30	0.13	4.91	804.4	6.42	10.92	1.17	58.78	806.6	4.68	9.83
31	0.06	4.01	324.5	1.78	26.81	0.72	4.63	443.3	3.84	19.60
32	0.13	13.01	387.1	1.77	21.76	0.39	9.79	653.4	1.07	13.25

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5027	75.	FORD	GRAN	250.	5028	75.	FORD	CUST	351.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.18	3.16	515.1	3.52	17.05	0.83	17.95	647.1	4.78	13.09
BAG (CALC)	0.18	6.07	605.4	3.63	14.42	0.82	18.82	677.3	4.82	12.51
33	0.04	0.00	73.2	0.12	121.01	0.16	1.23	131.0	0.23	66.49
34	0.58	0.02	880.1	0.71	10.06	1.86	10.00	1577.8	2.11	5.55
35	0.29	0.01	461.5	0.59	19.19	0.47	2.56	1021.1	1.05	8.65
36	0.15	0.00	368.2	1.02	24.07	0.34	1.71	652.0	0.78	13.54
37	0.16	0.00	311.5	3.52	28.45	0.22	1.61	576.6	0.62	15.31
38	0.17	0.03	365.1	1.51	24.27	0.33	1.72	480.7	1.61	18.32
39	0.11	0.13	471.5	3.57	18.80	0.29	2.31	513.9	5.42	17.12

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5029	75.	FORD	LTD	400.	5030	75.	MERC	MARQ	400.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	1.44	20.00	1322.6	20.77	6.53	2.49	50.53	1415.1	15.25	5.91
2	0.45	1.60	614.0	0.57	14.36	1.17	31.34	576.6	0.64	14.10
3	0.84	15.60	1517.3	6.74	5.75	2.88	72.04	1518.2	6.32	5.41
4	0.84	5.58	921.4	10.70	9.51	1.74	39.02	942.3	4.85	8.80
5	0.67	2.85	827.2	11.25	10.64	0.90	7.36	789.8	9.01	11.04
6	3.26	2.12	387.4	0.46	22.13	1.15	11.57	394.0	0.72	21.34
7	0.94	86.81	1117.8	12.06	7.06	2.00	47.28	1024.2	16.09	8.03
8	3.64	2.58	441.4	1.08	19.42	1.66	3.89	373.4	1.57	23.07
9	0.52	9.11	869.2	9.94	10.03	1.26	16.04	801.4	13.07	10.69
10	1.73	7.06	400.9	0.64	21.67	1.42	13.26	385.2	1.21	21.62
11	0.59	14.76	1062.0	14.55	8.16	1.83	48.94	998.7	15.60	8.21
12	3.79	2.40	389.0	0.90	21.93	2.18	22.10	416.0	1.13	19.39
13	0.57	10.98	1026.5	14.50	8.49	1.76	49.83	957.6	23.75	8.52
14	3.06	2.18	400.9	0.88	21.44	1.72	9.41	390.6	1.45	21.60
15	0.25	1.18	408.0	0.46	21.61	0.75	26.29	434.9	0.87	18.55
16	0.69	7.70	690.9	0.61	9.80	5.20	233.13	922.0	1.37	6.80
17	0.82	7.06	916.2	15.21	9.54	1.94	42.66	1011.4	12.34	6.18
18	2.38	3.06	370.0	0.41	23.21	1.08	20.18	427.5	0.72	19.16
19	0.83	7.38	617.1	15.77	10.68	1.73	36.50	909.8	10.95	9.12
20	2.25	3.56	437.1	0.43	19.73	1.39	29.71	504.9	0.82	15.96
21	0.79	67.81	1070.0	15.10	7.53	2.16	84.47	1118.2	13.84	7.06
22	2.78	2.17	395.2	0.83	21.79	1.86	19.88	469.5	1.69	17.52
23	1.09	15.45	964.1	12.40	8.95	2.20	46.51	1135.5	9.13	7.30
24	0.52	9.22	715.1	11.97	12.14	1.24	34.05	707.2	9.07	11.61
25	2.75	2.03	359.6	0.72	23.89	1.44	11.22	448.1	2.14	18.87
26	0.41	3.54	633.4	0.66	13.86	1.29	43.44	716.0	0.97	11.26
27	0.55	8.53	790.7	11.98	11.01	1.81	59.92	834.6	10.94	9.50
28	2.22	2.74	448.4	0.87	19.31	1.64	0.82	493.1	1.69	17.76
29	0.95	17.30	995.6	10.16	8.65	2.30	69.74	967.7	4.16	8.16
30	0.47	13.51	919.2	12.90	9.42	1.37	45.86	770.9	9.15	10.47
31	3.95	3.28	451.2	0.91	18.93	2.01	11.41	446.7	2.55	16.64
32	0.41	4.21	647.5	0.50	13.54	1.64	60.20	610.4	0.94	12.50

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5029	75.	FORD	LTD	400.	5030	75.	MERC	MARQ	400.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	1.03	8.51	705.1	5.63	12.30	1.40	30.89	645.5	5.79	12.71
BAG (CALC)	1.04	8.76	674.9	5.77	12.83	1.41	31.13	666.0	6.22	12.34
33	0.14	1.56	146.6	0.14	59.36	0.58	20.92	129.6	0.18	54.02
34	1.42	16.23	1716.0	1.16	5.08	5.70	148.95	1670.8	1.90	4.62
35	0.64	6.21	866.8	0.56	10.08	2.77	62.55	832.8	0.95	9.44
36	0.22	3.44	787.6	0.70	11.16	1.83	36.83	557.1	0.55	14.30
37	0.15	2.99	560.5	1.00	15.69	0.13	1.23	495.6	1.03	17.83
38	0.31	5.12	550.5	1.03	15.86	0.13	1.85	546.6	1.01	16.14
39	0.13	2.68	608.8	3.34	14.47	0.32	3.20	532.1	4.58	16.49

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5031	75.	MERC	MONT	351.	5032	75.	OLDS	DELT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	1.87	13.17	1415.1	11.71	6.16	0.45	12.45	1399.1	9.45	6.25
2	0.37	3.15	510.2	1.27	17.19	0.07	0.88	422.6	0.78	20.92
3	1.57	21.00	1460.1	7.24	5.92	0.29	1.74	1432.2	5.49	6.18
4	1.03	7.10	921.5	5.92	9.48	0.30	7.91	861.9	5.59	10.14
5	0.90	3.34	820.0	7.99	10.72	0.25	6.06	754.3	5.84	11.61
6	0.17	1.34	273.6	0.44	32.13	0.14	0.96	277.8	0.40	31.72
7	1.17	6.60	1167.7	17.48	7.51	2.95	272.09	842.2	6.95	6.94
8	0.27	1.25	255.4	0.82	34.37	0.14	1.35	313.0	0.63	28.13
9	0.61	2.76	854.1	11.47	10.32	0.27	27.90	809.0	5.47	10.40
10	0.12	1.69	304.7	0.90	28.84	0.06	1.37	295.3	0.59	29.81
11	0.85	6.40	1126.1	16.80	7.79	0.61	47.96	1039.1	8.58	7.95
12	0.21	1.72	304.3	0.83	28.85	0.06	1.40	305.6	0.52	28.82
13	0.80	5.98	1199.7	17.65	7.33	0.36	35.86	1081.8	8.57	7.79
14	0.10	1.38	298.5	1.35	29.49	0.04	0.63	274.0	0.58	32.26
15	0.16	2.11	381.8	0.96	23.02	0.0	1.76	328.8	0.87	26.77
16	0.73	5.35	1086.4	3.15	8.09	0.0	7.03	798.3	1.21	10.97
17	0.99	5.22	1225.6	15.35	7.18	0.34	18.45	1162.0	8.00	7.45
18	0.16	1.45	293.0	0.64	30.00	0.05	1.28	261.2	0.42	33.69
19	1.06	6.45	1160.7	16.21	7.56	0.33	17.00	1070.9	7.86	8.08
20	0.19	1.84	385.0	0.90	22.84	0.06	2.35	326.6	0.53	26.86
21	1.11	8.36	1417.8	20.89	6.19	2.11	179.90	1131.9	8.56	6.24
22	0.14	2.01	337.0	1.28	26.06	0.07	1.40	311.9	0.52	28.23
23	1.03	5.76	1280.8	11.05	6.66	0.30	21.09	1198.1	7.94	7.20
24	0.65	3.21	959.2	14.02	9.18	0.19	23.10	863.4	6.24	9.86
25	0.09	1.23	258.2	1.02	34.06	0.04	0.74	257.4	0.53	34.31
26	0.27	3.11	560.2	1.47	15.68	0.0	4.17	412.4	0.96	21.19
27	0.72	4.00	1057.7	14.30	8.32	0.15	9.66	996.3	6.46	8.77
28	0.14	1.59	340.3	1.21	25.86	0.05	1.52	322.1	0.49	27.34
29	0.91	4.92	1103.9	7.96	7.96	0.29	20.39	1057.0	6.67	8.14
30	0.77	5.50	1050.4	15.34	8.36	0.97	99.64	866.3	8.13	8.65
31	0.15	1.10	237.7	0.85	37.00	0.06	1.29	270.6	0.46	32.53
32	0.26	2.28	515.4	1.42	17.07	0.09	3.42	378.7	1.00	23.09

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5031	75.	MERC	MONT	351.	5032	75.	OLDS	DELT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.45	3.83	748.2	6.44	11.75	0.28	19.57	593.6	3.28	14.19
BAG (CALC)	0.46	3.26	664.7	6.72	13.22	0.28	21.14	607.2	3.46	13.84
33	0.18	0.49	185.2	0.56	47.59	0.04	0.00	96.8	0.12	91.59
34	1.92	5.12	2087.7	4.68	4.22	2.09	0.01	1142.0	0.71	7.73
35	0.86	2.56	1031.6	2.10	8.55	2.12	0.73	592.4	0.36	14.79
36	0.48	1.75	695.2	1.09	12.69	0.93	0.72	462.7	0.39	19.01
37	0.24	1.44	493.5	1.40	17.87	0.17	0.07	359.9	1.38	24.62
38	0.30	1.64	537.1	1.48	16.42	0.11	0.0	424.7	1.32	20.88
39	0.26	2.01	570.3	4.55	15.45	0.07	0.0	512.7	2.07	17.30

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

MODE NO.	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5033	75.	OLDS	DELT	350.	5034	75.	OLDS	STAW	455.
	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.65	13.42	1276.4	5.84	6.83	2.33	64.30	1211.2	10.13	6.73
2	0.68	2.99	363.6	0.49	23.95	1.47	24.35	438.9	0.49	18.42
3	1.50	15.89	1129.5	3.23	7.66	6.26	183.74	810.0	5.18	7.93
4	0.40	8.51	793.1	3.29	10.99	0.53	9.21	804.8	7.41	10.81
5	0.35	6.71	685.5	3.07	12.73	0.16	0.14	639.4	6.68	13.87
6	0.16	0.0	244.9	0.31	36.16	0.13	0.0	381.6	0.52	23.23
7	2.09	73.03	907.1	7.04	8.63	1.30	128.31	912.1	6.26	7.94
8	0.12	0.0	277.4	0.60	31.95	0.07	0.0	450.0	1.15	19.71
9	0.17	0.54	769.2	5.23	11.52	0.09	0.37	811.6	6.00	10.92
10	0.23	0.18	261.2	0.38	33.85	1.05	7.09	378.8	0.99	22.57
11	0.31	3.59	972.0	8.67	9.07	0.37	12.18	1114.3	7.71	7.82
12	0.30	0.71	288.6	0.45	30.53	1.21	10.89	415.8	0.90	20.32
13	0.27	3.89	983.4	8.16	8.96	0.49	13.95	1044.7	8.08	8.31
14	0.28	0.53	282.7	0.55	31.21	0.46	3.09	422.6	1.22	20.69
15	0.23	1.35	339.3	0.66	25.94	0.16	3.22	447.1	0.86	19.61
16	0.11	1.36	874.6	0.60	10.12	3.58	82.17	1064.2	0.60	7.37
17	0.27	5.53	1007.8	6.24	8.72	0.83	23.34	1002.5	8.73	8.52
18	0.40	1.70	315.4	0.34	27.79	0.58	4.30	449.2	0.75	19.39
19	0.23	2.35	877.9	7.60	10.06	0.64	14.01	828.6	8.05	10.41
20	0.46	3.37	359.0	0.47	24.27	1.29	14.27	492.0	0.62	17.12
21	1.58	60.26	1067.8	8.95	7.60	1.37	113.04	1111.9	6.76	6.86
22	0.48	2.94	334.7	0.52	26.04	1.23	12.31	438.5	1.24	19.22
23	0.46	14.16	1038.0	5.27	8.36	1.77	53.17	914.0	7.46	8.65
24	0.17	2.21	726.1	5.36	12.16	0.09	0.46	752.7	5.68	11.78
25	0.20	0.65	313.7	0.59	28.15	0.13	0.79	521.7	1.83	16.96
26	0.34	1.91	498.7	1.32	17.65	0.34	4.54	690.0	1.61	12.71
27	0.23	2.08	868.9	6.46	10.17	0.48	11.75	948.1	7.12	9.17
28	0.47	3.07	328.1	0.62	26.54	1.21	11.60	476.5	1.52	17.73
29	0.37	5.74	930.2	4.55	9.44	1.76	54.60	799.6	5.87	9.96
30	0.27	5.50	771.1	6.66	11.37	0.11	5.89	703.4	5.35	12.45
31	0.21	0.21	310.6	0.73	28.48	0.06	0.68	593.8	2.26	14.92
32	0.37	3.88	408.1	1.13	21.36	0.74	6.61	668.3	1.28	13.03

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5033	75.	OLDS	OELT	350.	5034	75.	OLDS	STAW	455.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.38	6.12	549.5	2.76	15.84	0.80	18.84	678.6	3.70	12.49
BAG (CALC)	0.35	6.35	576.3	2.90	15.11	0.61	19.73	698.7	3.77	12.12
33	0.54	1.41	84.2	0.04	100.68	0.82	19.32	65.8	0.04	89.67
34	6.79	17.82	1012.3	0.70	8.36	11.11	221.42	834.4	0.23	7.29
35	3.57	10.12	505.9	0.23	16.65	4.60	87.10	551.5	0.23	12.63
36	1.84	2.47	427.6	0.31	20.30	0.66	5.43	561.8	0.47	15.49
37	0.47	3.14	325.9	0.97	26.71	0.15	0.02	479.4	0.58	18.49
38	0.17	0.03	392.4	0.60	22.58	0.06	0.00	495.1	0.96	17.92
39	0.07	0.0	443.4	1.42	20.01	0.03	0.01	562.1	3.35	15.79

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5035	75.	PLYM	FURY	318.	5036	75.	PLYM	DUST	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.96	33.49	1563.7	6.93	5.48	3.89	102.47	627.4	1.90	11.08
2	0.93	44.19	441.7	0.21	17.27	1.39	40.92	278.2	0.71	25.56
3	2.08	108.62	1690.4	2.48	4.75	4.21	136.12	600.7	1.83	10.72
4	0.52	24.21	1011.0	2.76	8.45	1.78	59.60	460.8	0.88	15.85
5	0.21	2.39	730.5	5.85	12.08	1.09	40.70	351.3	0.97	21.20
6	0.30	9.03	238.2	0.50	35.04	0.25	7.98	205.1	0.47	40.64
7	0.21	0.52	1008.4	13.46	8.79	1.34	57.62	476.5	5.55	15.54
8	0.34	2.58	267.0	0.65	32.61	0.16	6.01	262.2	0.87	32.61
9	0.09	0.26	793.1	6.82	11.18	0.71	38.41	430.4	3.07	18.00
10	0.60	16.41	274.7	0.58	29.35	0.64	14.19	209.9	0.91	37.90
11	0.20	5.72	1037.7	9.78	8.47	1.67	77.68	494.9	5.40	14.26
12	0.72	19.52	294.5	0.56	27.10	1.18	22.89	223.9	1.19	33.67
13	0.20	6.14	1062.9	9.28	8.27	1.92	88.70	497.0	4.99	13.81
14	0.44	10.88	253.7	0.73	32.60	0.68	15.08	234.0	1.16	34.15
15	0.30	22.48	317.9	0.31	25.06	0.66	26.06	224.7	1.78	33.07
16	2.48	147.98	839.5	0.60	8.22	3.91	186.22	434.3	1.66	12.00
17	0.30	9.22	1165.6	6.78	7.52	3.50	124.41	459.1	1.93	13.33
18	0.27	17.93	260.4	0.45	30.67	0.59	18.40	220.2	1.66	35.35
19	0.22	8.49	1111.4	7.02	7.89	2.02	84.44	407.3	1.59	16.24
20	0.60	26.24	302.6	0.48	25.67	0.91	30.02	251.8	1.67	29.40
21	0.25	6.79	1248.3	14.17	7.05	3.12	105.82	505.5	4.80	13.02
22	0.57	20.69	294.2	0.73	27.01	0.96	25.63	240.4	0.98	31.29
23	0.51	23.12	1404.5	5.32	6.15	2.41	100.58	586.8	2.53	11.79
24	0.08	0.36	860.2	8.15	10.31	1.52	89.43	361.0	2.22	17.53
25	0.38	9.69	237.3	0.72	34.98	0.59	14.05	248.9	1.02	32.53
26	0.50	37.06	481.9	0.66	16.38	0.76	42.37	360.9	1.18	20.65
27	0.14	4.44	1007.6	7.02	8.74	2.09	93.11	455.8	3.82	14.58
28	0.51	19.95	240.9	0.87	27.40	1.04	24.43	257.1	1.19	29.71
29	0.45	19.38	1238.2	4.05	6.99	2.11	98.38	491.1	2.60	13.60
30	0.10	0.44	937.7	9.82	9.45	1.49	66.58	382.4	2.71	16.96
31	0.41	9.04	206.5	0.63	39.98	0.41	13.59	244.9	1.01	33.17
32	0.57	43.63	432.4	0.36	17.65	0.99	34.38	253.7	1.50	27.85

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5035	75.	PLYM	FURY	318.	5036	75.	PLYM	DUST	225.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.34	12.92	605.0	3.52	14.17	1.36	48.63	344.4	1.97	20.88
BAG (CALC)	0.33	13.13	621.9	3.62	13.79	1.32	50.88	351.1	2.22	20.39
33	0.43	19.96	108.2	0.08	62.99	0.69	23.65	53.0	0.04	96.13
34	5.16	246.12	1277.0	0.95	5.28	5.57	248.58	613.4	0.47	8.69
35	2.40	106.21	748.5	0.47	9.62	3.13	82.60	475.4	0.47	14.42
36	1.65	73.91	476.7	0.31	14.84	2.09	67.38	271.7	0.24	23.10
37	0.19	3.58	370.7	0.39	23.55	0.85	12.59	226.4	2.71	35.66
38	0.09	0.06	376.7	1.73	23.54	0.05	0.09	276.6	2.78	32.06
39	0.06	0.03	431.5	3.49	20.56	0.30	15.47	340.8	2.93	24.25

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5037	75.	PONT	CATA	400.	5038	75.	PONT	VENT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	0.34	8.39	1125.0	12.93	7.79	1.17	23.85	1284.3	4.04	6.70
2	0.05	2.05	423.5	0.42	20.79	0.33	11.73	413.4	0.63	20.50
3	0.13	4.32	1350.5	7.22	6.54	2.54	53.28	1366.5	1.30	6.00
4	0.11	1.66	743.1	9.40	11.90	0.73	13.55	763.8	1.48	11.27
5	0.08	0.68	669.5	7.99	13.23	0.22	4.58	683.8	2.62	12.83
6	0.10	0.84	274.0	0.34	32.20	0.13	1.86	356.3	1.05	24.68
7	0.73	24.52	851.5	11.05	9.95	0.66	29.29	956.9	6.52	8.63
8	0.10	0.44	321.3	0.68	27.53	0.07	0.62	294.0	2.00	30.06
9	0.20	10.00	667.7	7.68	12.98	0.19	15.61	752.5	3.76	11.41
10	0.05	0.39	307.9	0.66	28.76	0.27	4.42	315.9	1.43	27.42
11	0.59	37.75	931.8	10.04	8.94	0.49	27.17	897.5	5.98	9.42
12	0.04	0.02	344.4	0.45	25.76	0.46	6.02	343.8	1.74	25.02
13	0.48	32.79	981.9	10.52	8.58	0.56	26.88	860.3	5.69	9.60
14	0.03	0.35	306.1	0.67	28.93	0.17	2.79	327.8	1.81	26.67
15	0.00	1.01	319.4	0.40	27.65	0.22	0.0	390.2	0.41	22.70
16	0.05	1.82	873.2	0.89	10.13	2.79	77.98	923.9	1.20	8.41
17	0.13	5.05	998.3	11.68	8.82	0.84	36.59	845.9	4.20	9.80
18	0.06	1.09	304.2	0.30	29.00	0.19	6.59	375.1	1.09	22.99
19	0.14	3.88	942.4	9.69	9.35	0.95	51.02	820.8	3.73	9.62
20	0.06	0.75	353.8	0.33	24.99	0.38	9.83	425.2	0.95	20.08
21	0.87	42.90	1115.7	12.86	7.48	1.77	91.76	989.1	6.72	7.79
22	0.04	0.78	340.7	0.48	25.95	0.43	8.69	383.5	1.77	22.27
23	0.09	0.97	1156.2	13.21	7.66	1.30	40.13	872.7	2.58	9.44
24	0.30	16.59	777.0	8.58	11.04	0.79	33.73	640.7	3.70	12.75
25	0.05	0.08	282.3	0.54	31.41	0.23	0.74	401.7	1.92	21.99
26	0.00	0.0	446.8	0.58	19.78	0.35	0.0	614.8	0.44	14.41
27	0.17	8.69	861.6	9.67	10.13	1.52	57.26	725.9	4.80	10.81
28	0.04	0.48	334.2	0.55	26.49	0.64	12.50	403.6	1.35	20.87
29	0.07	1.77	1036.0	11.77	8.54	1.38	41.93	796.1	3.38	10.24
30	0.48	20.83	802.0	9.09	10.61	0.86	35.78	608.9	4.00	13.29
31	0.08	0.29	305.3	0.43	29.01	0.28	0.09	380.4	1.87	23.27
32	0.03	1.21	441.4	0.57	20.02	0.36	6.74	566.1	0.50	15.31

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5037	75.	PONT	CATA	400.	5038	75.	PONT	VENT	350.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.14	7.06	592.1	4.49	14.70	0.62	21.33	569.9	3.02	14.66
BAG (CALC)	0.15	7.27	592.1	4.56	14.69	0.63	20.41	573.2	3.09	14.61
33	0.26	0.37	134.8	0.10	65.15	0.49	9.88	122.7	0.10	63.51
34	5.17	6.98	1596.3	1.17	5.47	1.67	10.71	1575.0	0.71	5.56
35	2.58	3.06	830.4	0.58	10.52	0.55	7.71	830.8	0.24	10.51
36	2.31	2.28	576.5	0.31	15.11	0.23	2.30	567.4	0.16	15.52
37	0.58	0.05	467.8	0.58	18.90	0.21	0.02	422.0	0.43	21.00
38	0.07	0.0	456.9	1.38	19.42	0.06	0.0	404.7	1.02	21.92
39	0.03	0.0	511.8	3.65	17.34	0.03	0.0	454.3	2.90	19.53

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5039	75.	PONT	BONN	400.	5040	76.	MERC	CAPR	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	1.62	68.20	1376.4	5.76	5.96	2.12	16.08	459.0	7.59	18.08
2	0.85	47.77	462.9	0.43	16.41	0.16	10.20	469.1	0.42	18.28
3	3.71	177.37	1323.4	3.11	5.50	0.80	21.58	701.9	3.78	12.02
4	0.64	21.16	925.2	4.55	9.24	0.84	8.56	348.8	2.30	24.32
5	0.10	2.04	774.4	3.90	11.41	0.92	4.71	307.0	3.10	27.97
6	0.33	6.68	323.2	0.77	26.51	0.12	3.11	303.9	0.66	28.71
7	0.17	3.61	1005.1	12.42	8.78	1.05	11.96	324.2	6.28	25.63
8	0.23	1.96	358.4	1.01	24.50	0.24	1.98	348.4	1.45	25.19
9	0.07	3.01	759.4	5.21	11.61	0.46	2.50	297.7	5.25	29.29
10	0.94	16.16	348.6	0.73	23.54	0.20	3.00	302.9	0.96	28.79
11	0.73	28.61	954.9	8.34	8.86	1.25	10.18	435.9	7.09	19.47
12	1.29	21.93	373.4	0.93	21.55	0.24	4.11	378.4	1.25	23.01
13	0.16	34.38	999.6	7.61	8.42	4.67	10.57	453.5	5.95	18.28
14	0.81	10.16	353.0	1.10	25.89	0.17	2.93	314.4	1.31	27.78
15	0.11	12.34	463.4	0.56	18.37	0.16	14.19	367.1	0.56	22.76
16	3.19	128.19	814.7	0.91	8.65	0.0	26.58	912.0	0.30	9.31
17	1.34	57.01	995.9	6.62	8.14	1.42	13.34	436.1	5.44	19.23
18	0.34	15.86	389.1	0.71	21.38	0.13	4.84	329.3	1.02	26.31
19	0.66	25.64	899.7	3.86	9.42	0.94	9.62	359.8	4.44	23.47
20	0.73	34.64	425.5	0.65	18.41	0.19	6.30	394.5	1.29	21.91
21	1.31	53.38	1130.2	10.19	7.29	2.05	23.07	435.4	7.55	18.56
22	1.18	22.20	429.0	1.21	18.98	0.21	4.39	364.6	1.32	23.85
23	1.34	57.12	1096.8	5.33	7.45	1.43	16.96	465.7	4.59	17.17
24	0.28	14.86	737.7	4.52	11.65	0.48	6.38	323.9	4.57	26.46
25	0.64	4.84	414.0	1.26	20.95	0.25	3.53	357.4	1.57	24.40
26	0.19	14.96	643.4	0.88	13.30	0.21	17.24	574.4	0.89	14.74
27	0.97	44.24	827.1	5.83	9.67	0.76	8.90	399.9	5.31	21.32
28	1.20	22.35	419.2	1.21	19.37	0.16	5.15	351.3	1.36	24.65
29	1.40	57.22	926.4	4.27	8.69	0.67	15.58	504.8	3.12	16.68
30	0.43	18.05	760.3	5.25	11.23	0.60	6.53	307.9	4.51	27.75
31	0.28	2.33	448.3	1.56	19.60	0.22	3.49	384.1	1.65	22.70
32	0.43	27.82	542.0	0.65	15.12	0.14	19.74	542.6	0.64	15.46

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5039	75.	PONT	BONN	400.	5040	76.	MERC	CAPR	140.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.76	21.86	667.3	3.13	12.61	0.55	6.79	375.5	3.06	22.88
BAG (CALC)	0.74	25.30	643.9	3.44	12.94	0.64	7.71	392.4	3.17	21.83
33	0.69	25.20	89.5	0.02	67.59	0.04	2.57	90.3	0.06	93.93
34	7.69	219.95	1119.7	0.47	5.96	0.86	53.36	792.5	0.47	10.10
35	0.68	9.44	439.8	0.23	9.28	0.26	16.49	747.0	0.47	11.43
36	0.17	0.34	619.0	0.54	14.31	0.17	15.54	437.6	0.24	19.19
37	0.09	0.0	548.5	0.54	16.17	0.16	6.72	294.3	0.79	29.07
38	0.04	0.0	549.3	0.96	16.15	0.22	1.48	266.5	1.68	32.93
39	0.01	0.0	599.2	2.18	14.81	0.28	1.61	310.9	1.02	28.24

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5041	75.	DATS	B210	85.	5042	75.	HOND	STAN	91.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	3.84	53.99	553.4	7.31	13.65	0.63	13.51	635.8	4.15	13.47
2	0.72	4.39	208.4	0.77	40.79	0.05	2.61	269.7	0.56	32.40
3	3.90	74.07	533.1	3.10	13.41	0.83	18.74	758.0	2.20	11.23
4	2.28	18.76	442.0	4.65	18.54	0.14	6.67	428.7	1.93	20.19
5	1.87	15.70	377.9	5.51	21.73	0.06	4.77	343.2	2.52	25.29
6	0.59	3.09	167.9	0.71	50.82	0.01	2.06	189.1	0.65	46.14
7	3.33	74.17	430.9	5.94	15.91	1.17	62.94	346.2	2.81	19.77
8	0.57	3.73	196.6	1.63	43.45	0.03	2.20	184.4	1.28	47.21
9	1.93	26.31	377.6	6.53	20.88	0.32	9.97	320.9	4.01	26.29
10	0.46	3.66	180.3	1.33	47.33	0.01	2.89	164.1	0.87	52.61
11	2.82	69.45	454.5	5.86	15.50	1.66	58.47	378.1	3.65	18.67
12	0.46	5.25	182.2	0.97	46.26	0.04	4.06	192.6	0.93	44.56
13	2.51	51.54	457.4	6.68	16.25	1.18	52.20	382.3	3.76	18.96
14	0.49	4.45	179.4	1.32	47.23	0.02	2.84	177.5	1.12	48.76
15	0.57	5.74	188.7	0.60	44.47	0.05	5.44	233.0	0.61	36.72
16	1.18	34.75	300.6	0.30	24.71	0.05	20.11	531.2	0.75	15.76
17	2.53	39.33	474.0	6.47	16.32	0.54	14.82	467.5	4.26	18.02
18	0.52	5.27	178.9	0.71	47.00	0.04	5.91	175.9	0.67	47.90
19	2.09	23.16	451.1	6.64	17.96	0.27	15.27	400.9	3.64	20.85
20	0.59	6.39	199.6	0.61	41.96	0.05	7.18	195.6	0.71	42.86
21	3.70	98.80	515.7	6.55	13.00	3.17	109.36	379.3	2.57	15.82
22	0.48	5.10	205.1	1.07	41.35	0.08	5.74	182.5	1.14	46.29
23	2.81	44.75	530.9	6.18	14.55	0.50	25.63	551.4	3.50	14.96
24	1.93	34.83	370.0	5.48	20.60	0.60	27.84	323.7	3.14	24.03
25	0.52	4.92	208.8	1.61	40.69	0.02	4.61	178.4	1.39	47.70
26	0.91	9.07	252.5	0.73	32.92	0.09	10.70	337.6	0.81	25.02
27	2.04	37.68	419.1	5.71	18.31	0.51	21.18	387.7	4.19	21.00
28	0.50	5.79	201.6	1.31	41.76	0.02	6.73	192.5	1.24	43.69
29	2.19	23.64	486.5	4.80	16.73	0.26	17.47	461.5	2.77	17.41
30	2.55	63.30	371.5	4.36	16.53	1.12	49.66	300.6	2.38	23.22
31	0.47	6.59	197.1	1.15	42.47	0.04	5.24	207.3	1.76	41.15
32	0.64	12.87	237.7	0.49	34.14	0.07	10.53	279.3	0.71	29.98

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5041	75.	DATS	B210	85.	5042	75.	HOND	STAN	91.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	1.38	20.62	297.8	3.34	26.53	0.41	14.54	288.5	2.13	28.38
BAG (CALC)	1.38	22.65	307.8	3.41	25.52	0.41	17.56	291.9	2.24	27.66
33	0.27	6.94	30.1	0.02	212.04	0.09	0.31	34.3	0.04	221.52
34	3.12	76.54	384.0	0.23	17.26	1.42	4.14	518.6	0.47	16.76
35	1.95	46.78	259.1	0.23	26.20	0.15	3.35	565.2	0.47	15.02
36	1.75	27.89	203.1	0.31	35.16	0.10	2.71	390.3	0.39	22.48
37	1.01	1.29	180.1	1.68	47.89	0.06	1.64	259.3	0.63	33.86
38	1.02	1.98	227.7	2.32	37.92	0.03	1.11	227.8	1.12	38.65
39	0.86	2.88	280.4	6.59	30.85	0.03	0.76	257.0	2.56	34.36

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5043	75.	TOYO	CELI	133.	5044	75.	VOLK	SEDA	97.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
1	1.20	15.66	491.5	6.09	17.07	2.62	5.52	519.2	6.77	16.55
2	0.55	8.79	444.1	2.66	19.31	0.51	2.66	372.1	0.92	23.49
3	1.33	21.70	595.4	0.90	14.01	2.36	1.51	685.9	2.08	12.76
4	0.61	7.40	345.2	3.64	24.74	1.59	2.42	342.2	1.63	25.28
5	0.69	4.46	366.3	6.76	23.64	1.23	2.17	296.5	3.27	29.22
6	0.48	4.02	289.0	3.59	29.90	0.40	2.09	225.3	0.49	38.61
7	0.83	10.99	433.4	8.77	19.58	1.50	8.56	280.7	7.92	29.69
8	0.48	3.52	304.7	7.62	28.47	0.43	2.21	219.1	1.26	39.63
9	0.65	2.60	343.7	8.07	25.37	0.65	1.47	266.2	7.18	32.72
10	0.55	3.15	272.1	4.60	31.84	0.36	1.40	214.9	0.93	40.66
11	0.91	6.83	477.9	12.70	18.06	1.59	18.84	355.9	8.74	22.72
12	0.65	3.93	321.5	6.21	26.92	0.37	2.94	263.3	1.08	32.98
13	0.93	6.45	484.0	12.06	17.86	1.62	15.32	398.2	8.57	20.77
14	0.54	2.57	275.2	5.98	31.59	0.46	1.38	228.6	1.15	38.22
15	0.43	8.08	402.0	3.48	21.33	0.34	0.22	256.1	0.61	34.20
16	0.86	12.90	630.4	1.79	13.58	0.82	1.38	749.1	0.60	11.77
17	1.09	6.09	505.4	11.38	17.12	1.66	6.79	426.1	6.19	20.08
18	0.48	3.68	290.1	4.03	29.85	0.36	0.57	244.9	0.30	35.94
19	0.67	5.24	425.7	6.46	20.35	1.50	5.83	328.5	4.80	25.92
20	0.47	4.06	335.9	4.25	25.81	0.46	0.87	296.7	0.38	29.63
21	1.66	13.97	533.4	11.66	15.83	1.97	16.98	353.7	8.93	22.96
22	0.72	4.45	311.2	6.41	27.69	0.40	0.64	249.7	1.07	35.23
23	1.38	10.91	480.7	5.14	17.67	2.52	0.85	515.1	2.85	16.92
24	0.64	3.18	375.1	8.07	23.22	1.14	3.80	297.3	5.25	28.92
25	0.50	2.50	294.4	7.37	29.59	0.55	1.74	238.7	1.62	36.49
26	0.56	9.65	505.3	4.09	17.00	0.76	4.21	381.1	1.32	22.75
27	1.03	3.78	445.9	11.72	19.50	1.28	5.50	371.2	6.31	23.12
28	0.51	3.23	324.5	5.93	26.80	0.53	2.62	253.1	1.18	34.29
29	1.02	6.13	531.1	5.66	16.32	1.94	4.48	502.3	2.12	17.22
30	0.57	3.35	381.5	7.79	22.84	1.28	7.72	284.0	4.57	29.96
31	0.48	2.29	327.2	8.74	26.71	0.60	2.39	273.4	1.79	31.61
32	0.54	10.34	482.5	3.54	17.73	0.63	5.29	375.9	1.07	22.98

APPENDIX E (CONTD)

ST. LOUIS

	VEH	YEAR	MAKE	MODL	CID	VEH	YEAR	MAKE	MODL	CID
	5043	75.	TOYO	CELI	133.	5044	75.	VOLK	SEDA	97.
MODE NO.	HC	CO	CO2	NOX	MPG	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.85	4.86	375.0	8.30	23.04	0.91	5.55	313.1	3.26	27.33
BAG (CALC)	0.82	4.82	381.7	8.33	22.65	0.93	5.74	316.5	3.44	27.02
33	0.18	1.32	52.6	0.04	160.53	0.09	0.39	84.6	0.08	103.78
34	1.08	10.63	725.3	0.71	11.91	1.22	8.18	859.9	1.41	10.12
35	0.86	15.07	622.9	1.77	13.67	0.64	2.72	596.3	1.05	14.73
36	0.69	9.45	406.4	1.25	20.96	0.38	1.72	383.3	0.70	22.92
37	0.47	7.06	318.5	2.73	26.80	0.50	1.74	225.2	1.10	38.66
38	0.54	2.63	277.6	4.37	31.31	0.56	1.59	233.0	0.63	37.40
39	0.45	2.67	316.2	8.16	27.58	0.72	1.68	251.5	1.62	34.61

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX E

LISTING OF MODAL RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

VEH	YEAR	MAKE	MODL	CID
5045	75.	VOLK	RABB	90.

MODE NO.	HC	CO	CO2	NOX	MPG
1	0.52	2.65	643.0	3.71	13.68
2	0.07	0.60	263.4	0.56	33.56
3	0.40	1.89	764.1	1.56	11.26
4	0.20	0.99	419.6	3.91	21.04
5	0.37	0.32	379.6	3.27	23.28
6	0.09	0.49	192.4	0.89	45.89
7	1.11	61.52	464.7	3.02	15.71
8	0.08	0.40	189.0	1.37	46.74
9	0.39	0.99	389.9	4.73	22.60
10	0.05	0.28	189.5	1.16	46.70
11	0.51	1.82	497.7	5.18	17.67
12	0.06	0.55	189.6	1.07	46.55
13	0.51	14.95	476.9	4.02	17.68
14	0.07	0.43	211.4	1.55	41.81
15	0.09	0.80	218.7	0.66	40.29
16	0.14	1.28	431.4	0.60	20.46
17	0.46	1.78	487.7	4.27	18.04
18	0.08	0.11	201.3	1.05	44.00
19	0.42	0.70	456.7	4.10	19.33
20	0.09	0.32	232.4	1.19	38.07
21	0.64	36.26	532.4	3.74	14.99
22	0.10	0.95	235.9	1.42	37.34
23	0.30	3.50	564.9	3.77	15.53
24	0.38	1.28	396.4	4.08	22.21
25	0.11	0.77	262.1	2.06	33.66
26	0.09	1.16	324.0	1.54	27.22
27	0.40	1.63	444.5	4.07	19.80
28	0.11	0.80	245.9	1.73	35.66
29	0.26	1.21	488.6	3.30	16.06
30	0.43	3.67	400.3	3.68	21.78
31	0.11	0.48	251.1	2.11	35.08
32	0.11	1.90	286.5	1.35	30.62

APPENDIX E (CONTD)

ST. LOUIS

VEH	YEAR	MAKE	MODL	CID
5045	75.	VOLK	RABB	90.

MODE NO.	HC	CO	CO2	NOX	MPG
BAG (ACT)	0.28	3.60	336.0	2.55	25.91
BAG (CALC)	0.26	3.94	342.7	2.66	25.38
33	0.05	0.01	63.9	0.02	138.58
34	0.44	0.43	766.6	0.47	11.55
35	0.22	0.64	427.8	0.35	20.67
36	0.17	0.29	285.8	0.31	30.95
37	0.23	0.45	237.0	1.18	37.23
38	0.21	0.86	245.5	2.55	35.86
39	0.20	1.06	294.5	3.11	29.90

EMISSION RESULTS IN GRAMS PER MILE (PER MINUTE FOR IDLE).
FUEL ECONOMY IN MILES PER GALLON (MINUTES PER GALLON FOR IDLE).

APPENDIX F

LISTING OF CLAYTON KEY MODE AND REPLICATE EMISSION RESULTS ON INDIVIDUAL VEHICLES

APPENDIX F

LISTING OF CLAYTON KEY MODE AND REPLICATE
EMISSION RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

VEHICLE	MAKE	MODEL	CID	HP	-HIGH SPEED- HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
6001	CHEV	G10V	350	24.0	20.	0.20	22.	0.40	20.	0.40
					23.	0.20	20.	0.20	20.	0.30
6002	CHEV	G10V	350	24.0	16.	0.10	18.	0.10	20.	0.10
					20.	0.10	15.	0.10	18.	0.10
6003	CHEV	G10V	350	24.0	15.	0.20	23.	0.20	30.	0.20
					30.	0.20	32.	0.20	38.	0.20
6004	CHEV	G10V	350	30.0	10.	0.10	10.	0.10	6.	0.10
					8.	0.10	10.	0.10	8.	0.10
6005	DODG	TRAD	318	24.0	26.	0.30	24.	0.20	38.	0.20
					25.	0.30	23.	0.20	33.	0.20
6006	FORD	F100	300	24.0	12.	0.70	15.	0.40	11.	0.30
					12.	0.50	14.	0.30	12.	0.30
6007	FORD	F100	302	24.0	65.	19.50	23.	6.00	112.	35.00
					60.	20.50	35.	8.50	125.	40.00
6008	FORD	ECON	351	30.0	10.	0.50	11.	0.30	11.	0.30
					12.	0.50	11.	0.30	11.	0.30
6009	FORD	F100	351	30.0	19.	0.50	18.	0.20	21.	0.20
					20.	0.50	21.	0.20	22.	0.20
6010	GMC	SIER	350	30.0	15.	12.50	10.	0.20	28.	10.00
					15.	15.00	12.	0.30	30.	8.00

***** HC = PPM HEXANE; CO = % *****

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APPENDIX F (CONTD)

CALIFORNIA

VEHICLE	MAKE	MODEL	CID	HP	-HIGH SPEED- HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5011	AMC	PACE	258	24.0	8.	0.20	8.	0.20	9.	0.20
					11.	0.20	10.	0.20	11.	0.20
5012	BUIC	CNTY	350	30.0	12.	0.40	45.	10.00	60.	20.00
					17.	0.40	40.	9.50	60.	20.00
5013	BUIC	ESTA	455	30.0	10.	0.20	12.	0.30	10.	0.30
					10.	0.20	12.	0.20	10.	0.20
5014	BUIC	REGA	350	30.0	21.	0.30	18.	0.30	16.	0.30
					18.	0.30	15.	0.30	13.	0.30
5015	CADI	DEVI	500	30.0	12.	0.20	15.	0.10	15.	0.10
					18.	0.20	20.	0.20	20.	0.10
5016	CHEV	MONZ	140	15.0	10.	0.10	10.	0.10	10.	0.10
					10.	0.10	10.	0.10	10.	0.10
5017	CHEV	CAMA	250	24.0	12.	0.10	15.	0.10	15.	0.0
					15.	0.0	22.	0.10	20.	0.0
5018	CHEV	MONT	350	30.0	19.	0.20	10.	0.10	5.	0.0
					13.	0.20	10.	0.10	5.	0.0
5019	CHEV	CAMA	350	24.0	12.	0.10	12.	0.10	15.	0.10
					15.	0.20	18.	0.20	15.	0.20
5020	CHEV	MONT	350	30.0	15.	0.0	12.	0.0	12.	0.0
					15.	0.0	15.	0.0	15.	0.0
5021	CHEV	IMPA	400	30.0	0.	0.30	0.	0.20	0.	0.20
					0.	0.30	0.	0.20	0.	0.20

***** HC = PPM HEXANE; CO = % *****

APPENDIX F (CONTD)

CALIFORNIA

VEHICLE	MAKE	MODEL	CID	-HIGH SPEED- HP	HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5022	CHRY	NEWP	400	30.0	8.	0.10	10.	0.10	10.	0.10
					8.	0.10	10.	0.10	8.	0.0
5023	DODG	DART	318	24.0	18.	0.10	15.	0.0	15.	0.10
					18.	0.10	20.	0.10	20.	0.10
5024	DODG	DART	225	24.0	13.	0.40	12.	0.30	10.	0.30
					13.	0.40	12.	0.30	11.	0.30
5025	FORD	MUST	140	15.0	12.	0.20	8.	0.10	8.	0.10
					10.	0.20	8.	0.10	8.	0.10
5026	FORD	GRAN	302	24.0	20.	0.20	22.	0.10	25.	0.10
					22.	0.20	22.	0.10	22.	0.10
5027	FORD	GRAN	250	24.0	18.	0.20	18.	0.20	15.	0.20
					15.	0.30	18.	0.20	18.	0.20
5028	FORD	TORI	351	30.0	14.	0.0	14.	0.0	13.	0.0
					13.	0.0	12.	0.0	12.	0.0
5029	FORD	LTD	460	30.0	12.	0.30	12.	0.20	12.	0.20
					20.	0.40	22.	0.30	22.	0.30
5030	MERC	MARQ	400	30.0	15.	0.0	12.	0.10	12.	0.10
					18.	0.0	15.	0.10	15.	0.10
5031	MERC	COUG	351	30.0	5.	0.30	4.	0.20	2.	0.30
					5.	0.30	4.	0.30	2.	0.30
5032	OLDS	CUTL	350	30.0	15.	1.00	15.	0.20	12.	0.20
					35.	4.50	25.	0.20	20.	0.20

**** HC = PPM HEXANE; CO = % *****

APPENDIX F (CONTD)

CALIFORNIA

VEHICLE	MAKE	MODEL	CID	HP	-HIGH SPEED- HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5033	OLDS	CUTL	350	30.0	12.	0.10	12.	0.10	10.	0.10
					12.	0.10	12.	0.10	10.	0.10
5034	OLDS	DELT	455	30.0	12.	0.10	15.	0.10	15.	0.10
					15.	0.10	12.	0.10	15.	0.10
5035	PLYM	FURY	318	30.0	18.	0.20	21.	0.20	12.	0.20
					17.	0.20	21.	0.20	15.	0.20
5036	PLYM	DUST	225	24.0	30.	0.10	22.	0.10	21.	0.10
					33.	0.10	27.	0.10	26.	0.10
5037	PONT	CATA	400	30.0	15.	0.30	20.	0.30	18.	1.50
					17.	0.30	19.	0.30	22.	2.70
5038	PONT	VENT	350	24.0	10.	0.30	11.	0.30	9.	0.30
					10.	0.30	12.	0.20	8.	0.20
5039	PONT	GRNV	455	30.0	21.	0.30	20.	0.20	19.	0.20
					20.	0.30	19.	0.20	19.	0.20
5040	CAPR	II	140	15.0	18.	1.00	70.	26.00	33.	7.30
					20.	0.60	72.	27.00	38.	7.40
5041	DATS	B210	085	15.0	12.	0.30	17.	0.30	12.	0.20
					15.	0.30	20.	0.20	15.	0.20
5042	HOND	CVCC	091	15.0	22.	0.30	22.	0.30	20.	0.30
					22.	0.30	20.	0.20	21.	0.20
5043	TOYO	CORO	133	15.0	12.	0.20	18.	0.20	20.	0.20
					30.	0.30	32.	0.30	32.	0.30

***** HC = PPM HEXANE; CO = % *****

APPENDIX F (CONTD)

CALIFORNIA

VEHICLE	MAKE	MODEL	CID	-HIGH SPEED- HP	HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5044	VOLK	SEDA	047	15.0	30.	0.30	28.	0.30	35.	0.50
					31.	0.30	30.	0.30	40.	0.60
5045	VOLK	RABB	090	15.0	20.	0.0	20.	0.0	18.	0.0
					20.	0.0	18.	0.0	17.	0.0

***** HC = PPM HEXANE; CO = % *****

APPENDIX F

LISTING OF CLAYTON KEY MODE AND REPLICATE
EMISSION RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

VEHICLE	MAKE	MODEL	CID	-HIGH SPEED- HP	HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
6001	CHEV	C10	350	24.0	38.	0.20	43.	0.20	48.	0.20
					38.	0.20	38.	0.20	36.	0.20
6002	CHEV	C10	350	30.0	40.	0.10	37.	0.10	36.	0.10
					42.	0.20	40.	0.10	40.	0.10
6003	CHEV	C10	350	30.0	55.	0.20	55.	0.20	50.	0.20
					47.	0.20	48.	0.20	50.	0.20
6004	GMC	1500	350	30.0	47.	0.20	52.	0.30	58.	0.20
					55.	0.20	55.	0.20	60.	0.20
6005	DODG	B100	318	24.0	104.	0.20	91.	0.20	82.	0.40
					86.	0.20	80.	0.20	85.	0.40
6006	FORD	F100	390	24.0	68.	0.60	70.	1.00	75.	0.60
					60.	0.60	65.	1.30	70.	0.60
6007	FORD	F100	302	24.0	70.	0.20	60.	0.20	60.	0.10
					67.	0.20	60.	0.20	60.	0.10
6008	FORD	F100	360	24.0	54.	0.90	55.	1.30	85.	16.00
					52.	1.00	57.	1.30	82.	15.70
6009	FORD	F100	360	24.0	150.	0.50	152.	1.30	2000.	10.00
					140.	0.40	170.	1.50	1975.	10.00
6010	GMC	C15	350	30.0	36.	0.20	51.	0.20	235.	56.00
					31.	0.20	44.	0.20	250.	62.00

***** HC = PPM HEXANE; CO = % *****

APPENDIX F (CONTD)

ST. LOUIS

VEHICLE	MAKE	MODEL	CID	HP	-HIGH SPEED- HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5011	AMC	GREM	258	15.0	124.	1.00	152.	1.20	730.	19.40
					117.	1.00	155.	1.20	237.	20.00
5012	BUIC	REGA	350	30.0	30.	0.0	30.	0.0	30.	0.0
					30.	0.0	32.	0.0	33.	0.0
5013	BUIC	ELEC	455	30.0	48.	0.20	53.	0.10	114.	8.00
					50.	0.20	53.	0.10	115.	12.00
5014	BUIC	LESA	350	30.0	45.	0.20	45.	0.10	40.	0.20
					43.	0.20	43.	0.20	40.	0.20
5015	CADI	DEVI	500	30.0	65.	16.50	55.	4.50	150.	7.50
					60.	15.00	62.	8.00	140.	7.50
5016	CHEV	MONZ	140	15.0	60.	0.20	54.	0.20	48.	0.20
					65.	0.20	56.	0.20	50.	0.20
5017	CHEV	CAMA	250	24.0	20.	0.0	22.	0.0	18.	0.0
					21.	0.0	23.	0.0	20.	0.0
5018	CHEV	MALI	350	30.0	56.	0.20	52.	6.00	210.	27.00
					50.	0.20	52.	2.50	200.	27.00
5019	CHEV	MALI	350	30.0	42.	0.20	38.	0.20	34.	0.20
					42.	0.20	38.	0.20	33.	0.30
5020	CHEV	CHEL	350	30.0	48.	0.30	47.	0.20	46.	0.20
					55.	0.30	49.	0.20	46.	0.20
5021	CHEV	STAW	400	30.0	32.	0.0	40.	0.0	40.	0.0
					42.	0.10	40.	0.0	40.	0.0

***** HC = PPM HEXANE; CO = % *****

APPENDIX F (CONTD)

ST. LOUIS

VEHICLE	MAKE	MODEL	CID	-HIGH SPEED- HP	HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5022	CHRY	CORD	400	30.0	30.	0.30	40.	0.20	42.	0.30
					30.	0.20	36.	0.20	37.	0.20
5023	DODG	CORD	318	24.0	65.	0.10	66.	0.20	180.	48.00
					50.	0.30	55.	0.40	175.	47.00
5024	DODG	DART	225	24.0	37.	0.0	49.	0.10	160.	31.00
					32.	0.10	45.	0.20	160.	31.00
5025	FORD	MUST	140	15.0	56.	0.20	52.	0.20	46.	0.20
					60.	0.20	52.	0.20	48.	0.20
5026	FORD	MUST	302	24.0	100.	5.00	100.	8.00	160.	44.00
					85.	3.50	80.	7.00	150.	48.00
5027	FORD	GRAN	250	24.0	27.	0.0	36.	0.0	30.	0.0
					35.	0.0	49.	0.0	32.	0.0
5028	FORD	CUST	351	30.0	50.	0.10	45.	0.10	57.	2.50
					52.	0.10	48.	0.10	62.	2.30
5029	FORD	LTD	400	30.0	35.	0.30	40.	0.50	37.	0.50
					32.	0.30	38.	1.00	37.	1.00
5030	MERC	MARQ	400	30.0	56.	0.40	55.	0.40	142.	19.00
					68.	0.50	45.	0.40	135.	19.50
5031	MERC	MONT	351	30.0	120.	0.80	116.	0.80	150.	1.00
					117.	0.70	118.	0.80	150.	0.90
5032	OLDS	DELT	350	30.	45.	27.00	25.	1.00	22.	0.20
					42.	56.00	30.	0.90	27.	0.60

***** HC = PPM HEXANE; CO = % *****

APPENDIX F (CONTD)

ST. LOUIS

VEHICLE	MAKE	MODEL	CID	HP	-HIGH SPEED- HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5033	OLDS	DELT	350	30.0	40.	0.10	40.	0.10	40.	0.30
					38.	0.20	38.	0.10	36.	0.10
5034	OLDS	STAW	455	30.0	40.	0.10	40.	0.10	300.	44.00
					33.	0.10	34.	0.10	305.	50.00
5035	PLYM	FURY	318	30.0	127.	0.30	125.	0.30	200.	34.00
					112.	2.50	97.	2.50	205.	40.00
5036	PLYM	DUST	225	24.0	55.	0.40	55.	0.30	200.	44.00
					72.	5.50	42.	0.20	250.	72.00
5037	PONT	CATA	400	30.0	48.	0.50	45.	0.0	42.	0.0
					50.	1.50	48.	0.0	45.	0.0
5038	PONT	VENT	350	24.0	40.	0.30	49.	0.30	110.	12.00
					45.	0.30	49.	0.30	95.	10.00
5039	PONT	BONN	400	30.0	42.	0.30	44.	0.20	190.	46.00
					32.	0.20	36.	0.20	190.	45.00
5040	MERC	CAPR	140	15.0	62.	0.50	50.	5.50	48.	3.70
					48.	0.50	42.	5.00	40.	3.60
5041	DATS	B210	085	15.0	65.	1.00	115.	0.50	160.	32.00
					80.	1.00	115.	0.50	200.	32.00
5042	HOND	STAW	091	15.0	67.	0.70	53.	0.70	82.	1.30
					62.	0.70	50.	0.70	62.	1.50
5043	TOYO	CELI	133	15.0	78.	0.60	80.	2.50	100.	2.50
					78.	0.70	60.	2.00	100.	2.50

***** HC = PPM HEXANE; CO = % *****

APPENDIX F (CONTD)

ST. LOUIS

VEHICLE	MAKE	MODEL	CID	HP	-HIGH SPEED- HC	CO	-LOW SPEED- HC	CO	-IDLE- HC	CO
5044	VOLK	SEDA	097	15.0	98.	0.70	117.	0.80	65.	0.50
					92.	0.80	120.	1.00	75.	0.50
5045	VOLK	RABB	090	15.0	56.	0.40	51.	0.30	45.	0.20
					57.	0.30	50.	0.20	48.	0.20

***** HC = PPM HEXANE; CO = % *****

APPENDIX G

LISTING OF LOW SPEED CYCLE EMISSIONS AND FUEL ECONOMY RESULTS ON INDIVIDUAL VEHICLES

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APPENDIX G

LISTING OF LOW SPEED CYCLE EMISSIONS AND FUEL ECONOMY RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5011	75	AMC	PACE	258.	COLD TRANS (1)	3.28	116.98	826.93	2.90	8.66
					COLD TRANS (2)	0.43	25.48	909.82	1.70	9.33
					COLD STAB.	0.06	6.00	662.40	1.33	13.21
					HOT TRANS	1.02	15.81	739.49	1.65	11.56
					72 WEIGHTING	0.76	51.72	746.33	1.71	11.11
					75 WEIGHTING	0.56	19.32	716.21	1.57	11.60
5012	75	BUIC	CNTY	350.	COLD TRANS (1)	4.30	50.71	1073.93	3.71	7.60
					COLD TRANS (2)	2.83	46.26	1212.28	4.06	6.86
					COLD STAB.	1.16	16.10	751.06	3.66	11.36
					HOT TRANS	2.02	30.27	976.62	3.85	8.66
					72 WEIGHTING	2.12	29.11	910.62	3.77	9.22
					75 WEIGHTING	1.77	24.95	871.98	3.76	9.68
5013	75	BUIC	ESTA	455.	COLD TRANS (1)	6.12	50.77	1281.44	4.39	6.43
					COLD TRANS (2)	1.69	10.96	1516.53	1.89	5.76
					COLD STAB.	0.52	2.63	993.05	1.46	8.89
					HOT TRANS	1.12	9.30	1254.63	1.88	6.97
					72 WEIGHTING	1.84	13.24	1159.64	2.11	7.48
					75 WEIGHTING	1.23	6.52	1124.81	1.84	7.77
5014	75	BUIC	REGA	350.	COLD TRANS (1)	9.24	90.10	1170.35	8.77	6.62
					COLD TRANS (2)	1.21	3.11	999.46	2.73	8.80
					COLD STAB.	0.58	1.08	674.89	2.90	13.08
					HOT TRANS	1.07	2.65	846.15	2.66	10.47
					72 WEIGHTING	2.37	18.53	838.44	4.02	10.14
					75 WEIGHTING	1.46	8.44	783.20	3.55	11.07

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5015	75	CADI	DEVI	500.	COLD TRANS (1)	10.30	146.84	1387.46	1.38	5.38
					COLD TRANS (2)	0.60	2.01	1412.35	2.21	6.26
					COLD STAB.	0.26	0.50	916.00	1.75	9.67
					HOT TRANS	0.75	4.93	1160.80	2.39	7.58
					72 WEIGHTING	2.25	28.80	1111.40	1.78	7.63
					75 WEIGHTING	1.23	13.09	1056.29	1.91	8.21
5016	75	CHEV	MONZ	140.	COLD TRANS (1)	4.45	115.60	814.56	4.56	8.78
					COLD TRANS (2)	0.31	0.23	908.13	6.56	9.76
					COLD STAB.	0.13	0.30	521.27	4.97	17.00
					HOT TRANS	0.26	0.63	667.07	3.65	12.66
					72 WEIGHTING	1.00	22.32	659.39	5.19	12.72
					75 WEIGHTING	0.53	4.85	618.77	4.76	13.46
5017	75	CHEV	CAMA	250.	COLD TRANS (1)	4.40	44.52	962.66	1.87	6.52
					COLD TRANS (2)	0.65	0.0	1169.15	2.54	7.56
					COLD STAB.	0.33	0.0	710.02	1.23	12.46
					HOT TRANS	0.76	1.08	896.54	1.34	9.83
					72 WEIGHTING	1.17	8.51	859.53	1.64	10.12
					75 WEIGHTING	0.74	3.40	817.64	1.44	10.74
5018	75	CHEV	MONT	350.	COLD TRANS (1)	5.97	58.75	1222.68	2.38	6.65
					COLD TRANS (2)	0.70	2.35	1310.98	1.86	6.74
					COLD STAB.	0.40	0.99	842.87	1.56	10.49
					HOT TRANS	0.86	4.96	1044.70	1.81	7.99
					72 WEIGHTING	1.53	12.32	1014.76	1.78	8.54
					75 WEIGHTING	0.99	6.77	975.62	1.71	8.97
5019	75	CHEV	CAMA	350.	COLD TRANS (1)	6.41	146.94	1105.40	1.99	6.53
					COLD TRANS (2)	0.54	0.40	1175.22	1.82	7.54
					COLD STAB.	0.24	0.28	791.57	1.41	11.20
					HOT TRANS	0.51	1.38	1004.63	1.68	8.80
					72 WEIGHTING	1.48	28.72	952.94	1.61	9.03
					75 WEIGHTING	0.84	12.76	901.38	1.56	9.60

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5020	75	CHEV	MONT	350.	COLD TRANS (1)	5.16	54.75	1099.92	2.22	7.38
					COLD TRANS (2)	0.60	0.33	1247.33	1.69	7.10
					COLD STAB.	0.69	0.31	690.00	1.46	12.81
					HOT TRANS	0.81	2.25	1019.48	1.74	8.65
					72 WEIGHTING	1.53	10.72	886.58	1.66	9.77
					75 WEIGHTING	1.06	5.23	850.26	1.61	10.30
5021	75	CHEV	IMPA	400.	COLD TRANS (1)	7.43	42.08	1414.48	3.32	5.90
					COLD TRANS (2)	0.67	0.0	1453.70	1.67	6.09
					COLD STAB.	0.24	0.0	983.20	1.51	9.21
					HOT TRANS	1.77	2.43	1211.36	1.52	7.27
					72 WEIGHTING	1.75	6.04	1153.66	1.89	7.57
					75 WEIGHTING	1.24	4.02	1102.12	1.68	7.98
5022	75	CHRY	NEWP	400.	COLD TRANS (1)	18.14	143.57	1259.93	3.06	5.75
					COLD TRANS (2)	0.59	4.13	1477.01	2.55	5.98
					COLD STAB.	0.21	0.70	906.76	3.00	9.77
					HOT TRANS	0.49	5.53	1201.27	2.60	7.33
					72 WEIGHTING	3.72	26.73	1095.23	2.91	7.76
					75 WEIGHTING	1.76	13.86	1055.50	2.67	8.20
5023	75	DODG	DART	318.	COLD TRANS (1)	4.93	23.80	1401.32	2.69	6.10
					COLD TRANS (2)	0.20	0.61	1044.30	2.37	8.49
					COLD STAB.	0.14	0.13	671.97	2.14	13.20
					HOT TRANS	0.38	1.88	868.67	2.06	10.17
					72 WEIGHTING	1.67	4.76	890.36	2.29	9.85
					75 WEIGHTING	0.59	2.52	811.09	2.19	10.86
5024	75	DODG	DART	225.	COLD TRANS (1)	4.31	73.73	882.03	1.72	8.77
					COLD TRANS (2)	0.31	2.91	941.82	3.25	9.37
					COLD STAB.	0.15	0.34	621.06	1.87	14.27
					HOT TRANS	1.37	1.87	756.40	2.25	11.59
					72 WEIGHTING	0.98	14.91	736.98	2.14	11.59
					75 WEIGHTING	0.79	6.96	705.33	2.07	12.38

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5025	75	FORD	MUST	140.	COLD TRANS (1)	1.15	9.50	973.74	1.99	8.99
					COLD TRANS (2)	0.12	0.53	1036.96	1.56	8.55
					COLD STAB.	0.09	0.39	600.91	1.23	14.75
					HOT TRANS	0.17	1.39	824.62	1.39	10.73
					72 WEIGHTING	0.30	2.16	764.67	1.45	11.54
					75 WEIGHTING	0.20	1.38	722.75	1.38	12.23
5026	75	FORD	GRAN	302.	COLD TRANS (1)	3.92	38.15	1088.88	2.02	7.84
					COLD TRANS (2)	0.99	1.65	1302.12	1.68	6.79
					COLD STAB.	0.69	0.59	831.32	1.36	10.64
					HOT TRANS	1.64	3.06	1082.06	1.37	8.12
					72 WEIGHTING	1.37	8.00	980.41	1.56	8.90
					75 WEIGHTING	1.24	4.34	953.06	1.45	9.21
5027	75	FORD	GRAN	250.	COLD TRANS (1)	6.87	46.42	1021.49	4.02	7.95
					COLD TRANS (2)	0.48	1.16	1129.02	3.68	7.77
					COLD STAB.	0.22	0.55	731.71	2.66	12.10
					HOT TRANS	0.80	1.69	941.33	3.35	9.38
					72 WEIGHTING	1.55	9.45	873.59	3.14	9.94
					75 WEIGHTING	0.92	4.64	840.90	3.02	10.43
5028	75	FORD	TORI	351.	COLD TRANS (1)	9.23	37.40	1348.00	1.68	6.18
					COLD TRANS (2)	0.46	2.51	1501.08	2.23	5.69
					COLD STAB.	0.24	0.89	1003.13	1.63	8.83
					HOT TRANS	0.92	4.47	1291.99	2.58	6.82
					72 WEIGHTING	2.01	8.17	1174.68	1.89	7.43
					75 WEIGHTING	1.16	4.84	1143.29	2.03	7.69
5029	75	FORD	LTD	460.	COLD TRANS (1)	2.57	50.55	1476.79	2.19	5.87
					COLD TRANS (2)	0.55	17.03	1732.97	1.47	5.04
					COLD STAB.	0.17	4.01	1172.83	1.06	7.52
					HOT TRANS	0.97	14.09	1413.88	1.77	6.13
					72 WEIGHTING	0.71	15.67	1350.13	1.36	6.45
					75 WEIGHTING	0.58	12.49	1304.48	1.35	6.69

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5030	75	MERC	MARQ	400.	COLD TRANS (1)	2.33	35.34	1389.27	2.12	6.11
					COLD TRANS (2)	0.48	9.34	1703.82	2.05	5.16
					COLD STAB.	0.19	2.92	1113.46	1.51	7.93
					HOT TRANS	0.95	9.40	1435.03	2.24	6.11
					72 WEIGHTING	0.66	10.56	1291.40	1.74	6.76
					75 WEIGHTING	0.56	7.67	1263.89	1.78	6.95
5031	75	MERC	COUG	351.	COLD TRANS (1)	3.70	20.19	1296.52	5.12	6.81
					COLD TRANS (2)	0.35	0.75	1432.85	4.37	6.18
					COLD STAB.	0.20	0.30	930.89	3.49	9.52
					HOT TRANS	0.60	2.67	1254.91	4.94	7.04
					72 WEIGHTING	0.90	4.19	1107.63	3.99	7.95
					75 WEIGHTING	0.59	2.52	1081.37	4.04	8.16
5032	75	OLDS	CUTL	350.	COLD TRANS (1)	5.46	55.44	902.27	1.29	8.81
					COLD TRANS (2)	1.76	18.52	928.98	0.58	9.21
					COLD STAB.	0.58	7.31	661.38	0.53	13.15
					HOT TRANS	1.38	11.89	815.01	0.58	10.59
					72 WEIGHTING	1.76	18.98	764.19	0.69	11.10
					75 WEIGHTING	1.27	13.38	740.40	0.61	11.54
5033	75	OLDS	CUTL	350.	COLD TRANS (1)	5.80	12.71	1185.60	1.97	7.25
					COLD TRANS (2)	0.45	0.37	1151.76	1.44	7.69
					COLD STAB.	0.20	0.21	738.26	1.25	12.01
					HOT TRANS	0.58	2.12	951.52	1.70	9.28
					72 WEIGHTING	1.32	2.63	911.52	1.43	9.65
					75 WEIGHTING	0.77	1.69	861.78	1.43	10.24
5034	75	OLDS	DELT	455.	COLD TRANS (1)	14.64	21.38	1271.77	2.74	6.56
					COLD TRANS (2)	0.89	3.85	1462.72	2.26	6.03
					COLD STAB.	0.27	1.22	932.22	1.70	9.49
					HOT TRANS	0.58	6.63	1213.78	1.74	7.24
					72 WEIGHTING	3.18	5.63	1109.65	2.02	7.86
					75 WEIGHTING	1.59	4.36	1073.12	1.85	8.18

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5035	75	PLYM	FURY	318.	COLD TRANS (1)	8.45	79.50	1129.70	4.90	6.93
					COLD TRANS (2)	0.48	1.58	1405.26	3.76	6.30
					COLD STAB.	0.25	0.06	843.09	4.29	10.50
					HOT TRANS	1.10	5.39	1161.06	4.46	7.57
					72 WEIGHTING	1.86	16.05	1017.12	4.29	8.47
					75 WEIGHTING	1.14	8.43	991.02	4.33	8.81
5036	75	PLYM	DUST	225.	COLD TRANS (1)	2.01	25.89	812.70	3.14	10.32
					COLD TRANS (2)	0.46	1.68	896.88	3.18	9.85
					COLD STAB.	1.16	2.32	615.75	4.36	14.24
					HOT TRANS	0.54	1.77	746.98	3.34	11.81
					72 WEIGHTING	1.18	6.69	713.03	3.87	12.40
					75 WEIGHTING	1.03	4.07	687.75	3.91	12.73
5037	75	PONT	CATA	400.	COLD TRANS (1)	6.41	43.31	1318.60	7.64	6.31
					COLD TRANS (2)	0.64	5.36	1466.26	4.69	6.00
					COLD STAB.	0.22	0.25	910.55	4.61	9.74
					HOT TRANS	1.58	5.53	1214.83	5.34	7.22
					72 WEIGHTING	1.49	9.57	1166.65	5.21	7.66
					75 WEIGHTING	1.08	5.47	1064.90	5.04	8.24
5038	75	PONT	VENT	350.	COLD TRANS (1)	4.20	44.67	1116.29	2.84	7.39
					COLD TRANS (2)	1.65	14.37	1297.05	1.48	6.70
					COLD STAB.	0.37	1.17	875.39	1.29	10.10
					HOT TRANS	0.45	2.69	981.29	1.41	8.99
					72 WEIGHTING	1.38	12.28	1011.26	1.63	8.58
					75 WEIGHTING	0.82	6.30	958.16	1.46	9.14
5039	75	PONT	GRNV	455.	COLD TRANS (1)	8.35	31.44	1304.71	2.37	6.42
					COLD TRANS (2)	0.87	0.59	1406.41	1.65	6.29
					COLD STAB.	0.47	0.42	910.43	1.42	9.73
					HOT TRANS	1.18	1.91	1102.43	1.59	8.00
					72 WEIGHTING	2.06	6.48	1091.42	1.65	8.01
					75 WEIGHTING	1.32	3.37	1032.39	1.56	8.52

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5040	76	CAPR	II	140.	COLD TRANS (1)	0.93	7.63	896.08	2.45	9.72
					COLD TRANS (2)	0.27	1.12	801.63	1.65	11.04
					COLD STAB.	0.18	0.40	514.65	1.56	17.17
					HOT TRANS	0.97	9.55	679.34	1.60	12.73
					72 WEIGHTING	0.34	2.23	648.93	1.75	13.58
					75 WEIGHTING	0.43	3.46	610.31	1.65	14.38
5041	75	DATS	B210	85.	COLD TRANS (1)	2.14	40.37	571.31	3.39	13.83
					COLD TRANS (2)	0.56	7.55	542.00	2.50	15.97
					COLD STAB.	0.34	3.52	381.30	2.09	22.88
					HOT TRANS	0.59	4.79	461.70	2.08	16.84
					72 WEIGHTING	0.73	11.42	451.71	2.43	18.60
					75 WEIGHTING	0.57	7.21	430.05	2.23	20.03
5042	75	HOND	CVCC	91.	COLD TRANS (1)	2.49	17.19	566.07	2.58	14.74
					COLD TRANS (2)	0.72	10.41	578.68	2.03	14.66
					COLD STAB.	0.35	4.24	364.98	2.04	23.81
					HOT TRANS	1.12	6.62	462.53	2.16	17.68
					72 WEIGHTING	0.84	8.03	449.13	2.14	19.11
					75 WEIGHTING	0.74	6.42	428.19	2.11	20.14
5043	75	TOYO	CORO	133.	COLD TRANS (1)	1.67	25.54	733.18	1.68	11.40
					COLD TRANS (2)	0.20	2.16	816.16	1.27	10.62
					COLD STAB.	0.13	1.02	540.81	1.40	16.35
					HOT TRANS	0.22	0.99	706.30	1.36	12.49
					72 WEIGHTING	0.44	5.95	635.99	1.42	13.72
					75 WEIGHTING	0.29	3.13	620.24	1.40	14.18
5044	75	VOLK	SEDA	97.	COLD TRANS (1)	8.17	65.76	571.32	3.64	12.73
					COLD TRANS (2)	0.60	4.96	650.35	2.62	13.45
					COLD STAB.	0.32	3.55	396.11	2.22	22.04
					HOT TRANS	0.73	5.50	523.92	2.29	16.59
					72 WEIGHTING	1.68	15.36	483.53	2.57	17.26
					75 WEIGHTING	1.09	9.68	463.08	2.39	18.48

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5045	75	VOLK	RABB	90.	COLD TRANS (1)	0.63	15.41	667.28	2.61	12.79
					COLD TRANS (2)	0.35	4.96	711.66	2.33	12.32
					COLD STAB.	0.26	3.20	483.35	2.56	16.14
					HOT TRANS	0.51	4.77	602.55	2.49	14.51
					72 WEIGHTING	0.39	5.41	566.94	2.53	15.37
					75 WEIGHTING	0.37	4.73	546.09	2.54	15.98
2076	72	AMC	GREM	232.	COLD TRANS (1)	0.50	43.43	632.53	4.76	12.30
					COLD TRANS (2)	5.28	37.08	676.79	2.34	11.77
					COLD STAB.	3.74	10.85	472.03	4.21	17.72
					HOT TRANS	7.64	21.11	584.95	3.04	13.62
					72 WEIGHTING	4.59	22.64	546.57	3.92	14.67
					75 WEIGHTING	5.60	18.28	530.04	3.82	15.45
2077	72	BUIC	SKYL	350.	COLD TRANS (1)	8.49	133.60	957.40	4.33	7.43
					COLD TRANS (2)	4.63	66.06	928.31	3.65	8.47
					COLD STAB.	2.60	23.75	636.77	4.00	13.01
					HOT TRANS	3.95	53.54	769.44	3.80	10.38
					72 WEIGHTING	4.20	53.72	759.90	3.99	10.35
					75 WEIGHTING	3.60	38.89	724.81	3.95	11.13
2078	72	CADI	DEVI	472.	COLD TRANS (1)	9.97	314.91	1285.64	3.38	4.88
					COLD TRANS (2)	4.24	131.72	1695.68	4.80	4.63
					COLD STAB.	2.74	73.00	924.61	4.71	8.47
					HOT TRANS	5.68	126.40	1205.79	4.41	6.24
					72 WEIGHTING	4.44	132.65	1157.30	4.47	6.43
					75 WEIGHTING	4.15	110.92	1084.36	4.54	6.95
2079	72	CHEV	VEGA	140.	COLD TRANS (1)	8.91	112.58	640.84	1.34	10.49
					COLD TRANS (2)	4.12	47.68	642.27	2.05	12.17
					COLD STAB.	1.24	19.07	483.63	1.74	17.14
					HOT TRANS	5.30	40.20	525.76	1.86	14.65
					72 WEIGHTING	3.32	42.88	547.45	1.74	14.19
					75 WEIGHTING	3.06	34.16	520.82	1.77	15.19

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
2080	72	CHEV	CHEL	350.	COLD TRANS (1)	7.40	62.47	981.66	2.72	8.64
					COLD TRANS (2)	3.45	78.00	1145.80	2.03	6.93
					COLD STAB.	1.99	34.08	733.31	1.65	11.19
					HOT TRANS	3.69	49.53	933.21	2.11	8.66
					72 WEIGHTING	3.44	48.82	868.28	1.93	9.26
					75 WEIGHTING	3.01	43.97	837.30	1.88	9.69
2081	72	CHEV	MONT	350.	COLD TRANS (1)	5.54	51.98	1227.79	4.53	6.69
					COLD TRANS (2)	3.47	62.66	1167.89	2.84	7.18
					COLD STAB.	2.14	27.78	732.26	2.59	11.34
					HOT TRANS	3.20	43.64	958.05	2.80	8.56
					72 WEIGHTING	3.07	39.73	910.90	3.01	9.03
					75 WEIGHTING	2.78	36.56	860.98	2.82	9.57
2082	72	CHEV	NOVA	250.	COLD TRANS (1)	8.70	36.38	965.88	6.19	8.78
					COLD TRANS (2)	5.74	17.83	940.48	3.57	8.99
					COLD STAB.	2.19	5.42	600.07	5.07	14.42
					HOT TRANS	3.40	7.48	784.47	3.62	11.00
					72 WEIGHTING	4.16	13.97	734.66	4.97	11.53
					75 WEIGHTING	3.32	9.57	700.33	4.89	12.23
2083	72	CHEV	IMPA	350.	COLD TRANS (1)	12.23	262.64	1171.65	2.16	5.47
					COLD TRANS (2)	2.77	81.66	1181.86	2.76	6.73
					COLD STAB.	1.67	41.17	766.41	3.23	10.61
					HOT TRANS	2.44	61.53	1006.56	2.95	7.99
					72 WEIGHTING	3.42	92.09	932.00	2.92	8.15
					75 WEIGHTING	2.81	67.75	892.81	3.03	8.80
2084	72	CHEV	KING	400.	COLD TRANS (1)	23.66	77.64	1162.44	4.36	6.43
					COLD TRANS (2)	31.05	20.69	1240.70	3.41	6.47
					COLD STAB.	14.66	10.01	625.26	2.59	9.99
					HOT TRANS	25.90	29.67	1044.62	3.65	7.56
					72 WEIGHTING	19.98	25.08	981.76	3.11	8.16
					75 WEIGHTING	19.60	21.01	942.49	3.06	8.55

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2085	72	DODG	CORO	318.	COLD TRANS (1)	8.72	146.96	1051.58	6.31	6.76
					COLD TRANS (2)	7.77	210.08	1038.22	3.55	6.87
					COLD STAB.	4.37	97.90	683.73	4.98	10.42
					HOT TRANS	7.10	166.94	866.11	4.33	7.68
					72 WEIGHTING	5.92	131.46	829.24	4.93	8.42
					75 WEIGHTING	5.67	126.66	766.68	4.81	8.60
2086	72	FORD	PINT	122.	COLD TRANS (1)	13.64	150.23	534.66	5.24	10.96
					COLD TRANS (2)	9.67	179.68	596.11	5.52	9.73
					COLD STAB.	5.40	92.23	412.85	5.21	15.44
					HOT TRANS	7.53	137.65	521.66	5.40	11.65
					72 WEIGHTING	7.92	121.91	475.43	5.28	12.82
					75 WEIGHTING	8.97	115.43	464.77	5.26	13.26
2087	72	FORD	TORI	302.	COLD TRANS (1)	10.27	225.43	868.42	4.70	8.97
					COLD TRANS (2)	7.99	123.13	907.67	3.84	7.88
					COLD STAB.	4.97	46.34	626.27	4.71	12.38
					HOT TRANS	6.95	63.06	826.10	4.65	9.37
					72 WEIGHTING	7.77	96.66	733.44	4.53	9.75
					75 WEIGHTING	6.63	71.91	718.97	4.62	10.40
2088	72	FORD	MUST	250.	COLD TRANS (1)	7.24	174.26	960.69	4.03	7.66
					COLD TRANS (2)	3.79	102.54	1061.68	3.42	7.07
					COLD STAB.	2.08	39.52	640.39	4.71	12.41
					HOT TRANS	5.64	76.16	692.65	3.83	8.62
					72 WEIGHTING	3.43	76.65	798.88	4.41	9.51
					75 WEIGHTING	3.48	64.77	768.57	4.38	10.07
2089	72	FORD	TORI	351.	COLD TRANS (1)	8.40	194.36	1137.75	4.85	6.31
					COLD TRANS (2)	7.02	222.44	1067.54	2.83	6.68
					COLD STAB.	4.28	95.17	724.41	4.46	10.00
					HOT TRANS	6.14	142.19	949.58	3.40	7.44
					72 WEIGHTING	5.65	153.48	880.45	4.19	8.01
					75 WEIGHTING	5.30	122.45	843.26	4.10	8.43

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2090	72	FORD	LTD	400.	COLD TRANS (1)	18.83	126.44	1303.71	14.99	5.66
					COLD TRANS (2)	7.91	218.20	1221.56	11.52	5.58
					COLD STAB.	3.91	86.63	812.66	10.05	9.23
					HOT TRANS	8.70	130.27	1066.04	11.07	6.84
					72 WEIGHTING	7.61	142.15	993.25	11.31	7.34
					75 WEIGHTING	6.60	111.93	948.56	10.83	7.75
2091	72	MERC	MONT	351.	COLD TRANS (1)	7.97	155.17	986.95	3.02	7.07
					COLD TRANS (2)	5.39	84.34	1273.14	2.81	6.25
					COLD STAB.	3.25	34.78	767.86	3.12	10.66
					HOT TRANS	4.17	58.25	1091.52	3.09	7.42
					72 WEIGHTING	4.61	67.87	916.92	3.03	8.55
					75 WEIGHTING	4.04	54.41	906.35	3.07	8.63
2092	72	OLDS	DELT	350.	COLD TRANS (1)	9.29	75.51	1141.79	7.19	6.88
					COLD TRANS (2)	5.14	61.50	1025.61	4.72	7.60
					COLD STAB.	3.62	23.50	692.08	6.65	11.99
					HOT TRANS	6.09	41.96	890.73	6.01	9.04
					72 WEIGHTING	5.02	41.56	848.79	6.34	9.54
					75 WEIGHTING	4.79	35.48	806.51	6.37	10.11
2093	72	PLYM	DUST	225.	COLD TRANS (1)	9.15	170.41	872.56	3.99	9.16
					COLD TRANS (2)	5.36	74.62	688.74	2.70	10.78
					COLD STAB.	3.05	34.80	509.92	4.09	15.46
					HOT TRANS	4.90	46.13	593.67	2.69	13.02
					72 WEIGHTING	4.70	69.17	578.94	3.78	12.63
					75 WEIGHTING	4.18	52.18	558.90	3.63	13.57
2094	72	PLYM	SATE	400.	COLD TRANS (1)	8.99	140.66	1055.28	1.91	8.80
					COLD TRANS (2)	2.91	130.15	1144.61	1.48	8.53
					COLD STAB.	1.36	43.56	730.93	2.35	11.04
					HOT TRANS	2.87	72.98	1007.07	1.80	7.85
					72 WEIGHTING	3.15	80.49	880.68	2.08	8.73
					75 WEIGHTING	2.48	66.20	856.80	2.11	9.14

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2095	72	PONT	BONN	455.	COLD TRANS (1)	10.22	106.67	1094.89	4.77	6.65
					COLD TRANS (2)	7.04	107.22	1309.71	4.16	5.91
					COLD STAB.	3.54	39.27	819.86	4.35	9.94
					HOT TRANS	5.32	51.49	1102.61	4.11	7.39
					72 WEIGHTING	5.56	66.57	976.34	4.39	8.06
					75 WEIGHTING	4.82	53.82	952.14	4.31	8.44
2096	72	PONT	CATA	400.	COLD TRANS (1)	17.30	363.25	1046.44	2.58	5.30
					COLD TRANS (2)	6.51	136.11	1252.19	3.32	5.47
					COLD STAB.	3.97	82.29	991.63	4.17	8.15
					HOT TRANS	6.49	97.53	1019.46	4.23	7.44
					72 WEIGHTING	7.05	135.48	1057.86	3.69	6.86
					75 WEIGHTING	5.67	101.66	1026.51	3.98	7.36
2097	72	DATS	510	71.	COLD TRANS (1)	5.05	45.63	462.70	5.24	15.56
					COLD TRANS (2)	6.94	81.13	575.86	4.93	12.24
					COLD STAB.	3.67	41.38	386.45	4.84	14.14
					HOT TRANS	5.48	60.76	471.34	4.69	13.19
					72 WEIGHTING	4.63	50.62	445.33	4.94	16.45
					75 WEIGHTING	4.50	49.81	431.45	4.85	16.94
2098	72	TOYO	CORO	120.	COLD TRANS (1)	8.16	171.95	417.37	1.58	12.44
					COLD TRANS (2)	5.24	157.60	426.62	0.69	12.85
					COLD STAB.	3.73	113.23	294.26	0.77	18.34
					HOT TRANS	4.79	137.95	393.42	0.82	14.18
					72 WEIGHTING	4.90	133.87	345.87	0.90	15.52
					75 WEIGHTING	4.48	127.79	339.56	0.84	16.01
2099	72	VOLK	SEDA	97.	COLD TRANS (1)	7.09	74.64	340.64	1.91	18.21
					COLD TRANS (2)	6.32	97.46	403.18	2.15	15.40
					COLD STAB.	3.36	52.63	276.76	2.51	23.98
					HOT TRANS	5.64	82.79	325.08	2.06	18.76
					72 WEIGHTING	4.70	67.19	315.79	2.32	20.34
					75 WEIGHTING	4.46	65.82	304.65	2.32	21.02

APPENDIX G (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2100	72	VOLK	SQUA	103.	COLD TRANS (1)	9.42	141.75	485.59	3.58	12.00
					COLD TRANS (2)	6.51	94.11	540.41	2.94	12.52
					COLD STAB.	3.23	45.10	379.56	3.32	19.27
					HOT TRANS	5.98	76.64	471.27	2.63	14.53
					72 WEIGHTING	5.21	73.97	433.95	3.29	15.66
					75 WEIGHTING	4.71	64.76	424.63	3.15	16.41

APPENDIX G

LISTING OF LOW SPEED CYCLE EMISSIONS AND FUEL ECONOMY RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5011	75	AMC	GREM	258.	COLD TRANS (1)	4.59	114.43	798.42	2.52	8.94
					COLD TRANS (2)	3.65	113.68	776.06	2.61	9.18
					COLD STAB.	1.74	35.18	535.70	2.53	14.88
					HOT TRANS	3.45	56.97	683.27	3.01	11.32
					72 WEIGHTING	2.69	67.02	636.90	2.55	11.82
					75 WEIGHTING	2.54	53.68	613.14	2.65	12.57
5012	75	BUIC	REGA	350.	COLD TRANS (1)	5.39	81.35	926.03	2.83	8.29
					COLD TRANS (2)	1.05	19.75	1084.14	1.72	7.94
					COLD STAB.	0.22	0.62	702.93	1.41	12.60
					HOT TRANS	0.75	2.40	896.71	1.74	9.83
					72 WEIGHTING	1.38	20.11	826.44	1.75	10.29
					75 WEIGHTING	0.84	9.41	860.58	1.63	10.85
5013	75	BUIC	ELEC	455.	COLD TRANS (1)	4.84	48.16	1110.15	7.23	7.39
					COLD TRANS (2)	4.08	61.50	1238.48	5.17	6.58
					COLD STAB.	2.01	23.63	811.16	4.40	10.38
					HOT TRANS	4.13	53.00	1033.88	5.12	7.65
					72 WEIGHTING	2.99	36.47	958.96	5.10	8.65
					75 WEIGHTING	2.92	35.97	925.91	4.87	8.95
5014	75	BUIC	LESA	350.	COLD TRANS (1)	6.19	80.13	999.61	2.45	7.75
					COLD TRANS (2)	1.91	24.14	1107.09	1.81	7.71
					COLD STAB.	0.36	1.61	643.77	1.41	13.71
					HOT TRANS	1.04	6.67	924.10	1.85	9.46
					72 WEIGHTING	1.60	21.40	810.07	1.70	10.45
					75 WEIGHTING	1.13	11.28	779.72	1.63	11.08

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5015	75	CADI	DEVI	500.	COLD TRANS (1)	5.82	62.05	1168.91	2.77	6.91
					COLD TRANS (2)	4.31	54.73	1122.81	1.44	7.26
					COLD STAB.	2.08	27.30	765.53	0.90	10.89
					HOT TRANS	2.64	29.13	1000.19	1.21	8.42
					72 WEIGHTING	3.27	39.76	918.42	1.37	8.95
					75 WEIGHTING	2.72	33.08	885.21	1.18	9.38
5016	75	CHEV	MONZ	140.	COLD TRANS (1)	7.68	189.96	529.84	2.31	10.41
					COLD TRANS (2)	1.04	23.69	667.55	2.29	12.53
					COLD STAB.	0.19	4.31	420.04	2.59	20.77
					HOT TRANS	0.87	22.45	572.52	2.13	14.54
					72 WEIGHTING	1.60	43.90	493.53	2.47	15.62
					75 WEIGHTING	1.04	25.50	486.69	2.43	16.74
5017	75	CHEV	CAMA	250.	COLD TRANS (1)	4.30	74.94	801.86	3.93	9.51
					COLD TRANS (2)	1.93	6.12	965.92	5.75	9.04
					COLD STAB.	0.26	0.20	572.27	1.80	15.48
					HOT TRANS	0.49	1.27	709.31	2.39	12.45
					72 WEIGHTING	1.39	15.74	699.66	3.05	12.18
					75 WEIGHTING	0.80	7.13	658.55	2.47	13.20
5018	75	CHEV	MALI	350.	COLD TRANS (1)	7.20	188.56	958.73	2.33	6.95
					COLD TRANS (2)	5.91	160.66	910.06	1.29	7.51
					COLD STAB.	3.04	72.90	619.65	1.09	11.93
					HOT TRANS	4.24	86.59	815.16	1.51	9.20
					72 WEIGHTING	4.45	113.63	746.07	1.37	9.45
					75 WEIGHTING	3.92	93.56	718.95	1.31	10.10
5019	75	CHEV	MALI	350.	COLD TRANS (1)	5.74	37.18	760.16	1.57	10.61
					COLD TRANS (2)	4.66	52.68	914.85	1.25	8.76
					COLD STAB.	1.76	12.98	639.65	1.14	13.33
					HOT TRANS	2.44	13.52	822.50	1.35	10.42
					72 WEIGHTING	3.18	26.07	721.06	1.25	11.49
					75 WEIGHTING	2.53	16.74	716.69	1.24	11.77

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5020	75	CHEV	CHEL	350.	COLD TRANS (1)	4.35	49.88	1060.38	3.19	7.70
					COLD TRANS (2)	1.26	7.43	1084.71	1.91	8.07
					COLD STAB.	0.54	1.38	719.94	1.57	12.26
					HOT TRANS	2.29	45.51	864.28	1.63	9.41
					72 WEIGHTING	1.42	11.93	862.39	1.96	10.02
					75 WEIGHTING	1.32	16.06	814.37	1.75	10.52
5021	75	CHEV	STAW	400.	COLD TRANS (1)	6.81	55.64	1215.89	4.08	6.70
					COLD TRANS (2)	0.46	0.10	1190.12	4.23	7.45
					COLD STAB.	0.29	0.00	791.61	4.06	11.20
					HOT TRANS	0.79	2.16	963.09	4.62	9.16
					72 WEIGHTING	1.57	10.66	957.24	4.10	9.07
					75 WEIGHTING	0.96	5.08	902.25	4.21	9.72
5022	75	CHRY	CORD	400.	COLD TRANS (1)	62.09	431.46	1161.90	2.42	4.36
					COLD TRANS (2)	0.47	2.55	1458.39	2.10	6.06
					COLD STAB.	0.17	0.99	885.41	2.45	10.00
					HOT TRANS	0.80	3.11	1207.94	2.19	7.30
					72 WEIGHTING	12.07	83.60	1059.80	2.37	7.22
					75 WEIGHTING	5.43	37.00	1034.53	2.35	8.00
5023	75	DODG	CORO	318.	COLD TRANS (1)	5.71	145.02	1380.72	4.87	5.46
					COLD TRANS (2)	3.95	146.66	982.14	1.66	7.24
					COLD STAB.	1.68	54.96	659.73	1.98	11.81
					HOT TRANS	3.21	80.79	830.03	1.81	9.18
					72 WEIGHTING	2.93	91.64	865.93	2.46	8.71
					75 WEIGHTING	2.57	76.68	767.54	2.15	9.69
5024	75	DODG	DART	225.	COLD TRANS (1)	6.62	56.77	931.14	3.25	8.52
					COLD TRANS (2)	2.68	78.73	683.93	1.26	10.67
					COLD STAB.	1.28	26.30	484.67	1.15	16.74
					HOT TRANS	2.91	36.18	628.85	1.27	12.77
					72 WEIGHTING	2.64	43.25	612.28	1.58	12.89
					75 WEIGHTING	2.24	35.86	57[illegible].68	1.36	13.95

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5025	75	FORD	MUST	140.	COLD TRANS (1)	1.60	10.79	744.89	2.39	11.57
					COLD TRANS (2)	0.81	1.80	734.21	2.50	12.00
					COLD STAB.	0.41	1.07	471.59	2.42	18.70
					HOT TRANS	0.71	1.57	611.15	2.39	14.41
					72 WEIGHTING	0.72	3.08	579.54	2.43	15.13
					75 WEIGHTING	0.61	2.05	550.09	2.42	15.96
5026	75	FORD	MUST	302.	COLD TRANS (1)	7.92	160.50	992.37	1.18	6.99
					COLD TRANS (2)	6.62	191.37	1085.12	1.17	6.31
					COLD STAB.	3.38	84.25	726.63	1.15	10.20
					HOT TRANS	6.10	130.33	915.74	1.09	7.79
					72 WEIGHTING	4.93	121.54	853.46	1.16	8.37
					75 WEIGHTING	4.67	110.68	824.64	1.14	8.76
5027	75	FORD	GRAN	250.	COLD TRANS (1)	2.33	34.91	802.32	2.11	10.27
					COLD TRANS (2)	0.59	0.72	865.57	1.92	10.22
					COLD STAB.	0.36	0.20	579.09	1.76	15.29
					HOT TRANS	1.05	1.35	732.42	1.97	12.03
					72 WEIGHTING	0.79	6.95	682.53	1.86	12.75
					75 WEIGHTING	0.70	3.37	656.81	1.85	13.32
5028	75	FORD	CUST	351.	COLD TRANS (1)	1.94	17.46	1161.60	2.37	7.43
					COLD TRANS (2)	1.48	23.76	1423.88	2.46	6.05
					COLD STAB.	0.84	11.19	918.59	2.20	9.45
					HOT TRANS	1.67	15.69	1161.32	2.77	7.45
					72 WEIGHTING	1.19	15.05	1072.22	2.29	8.07
					75 WEIGHTING	1.18	13.88	1040.45	2.37	8.33
5029	75	FORD	LTD	400.	COLD TRANS (1)	3.46	22.26	1597.74	7.58	5.40
					COLD TRANS (2)	0.96	11.75	1442.07	3.93	6.06
					COLD STAB.	0.82	7.02	939.65	2.93	9.31
					HOT TRANS	1.61	18.52	1213.52	4.16	7.11
					72 WEIGHTING	1.34	10.94	1172.01	4.03	7.44
					75 WEIGHTING	1.23	11.35	1102.52	3.69	7.69

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5030	75	MERC	MARQ	400.	COLD TRANS (1)	3.20	43.21	1531.76	4.41	5.51
					COLD TRANS (2)	3.88	100.46	1358.67	2.44	5.81
					COLD STAB.	1.82	38.41	917.22	1.99	9.03
					HOT TRANS	4.40	62.69	1123.14	2.72	7.00
					72 WEIGHTING	2.52	52.49	1128.33	2.55	7.28
					75 WEIGHTING	2.72	54.64	1055.33	2.40	7.72
5031	75	MERC	MONT	351.	COLD TRANS (1)	2.09	27.38	1339.42	2.91	6.39
					COLD TRANS (2)	1.66	27.47	1577.93	2.93	5.46
					COLD STAB.	0.91	7.31	1024.02	2.93	8.55
					HOT TRANS	1.44	10.52	1351.64	4.01	6.47
					72 WEIGHTING	1.34	15.42	1201.60	3.14	7.21
					75 WEIGHTING	1.21	11.53	1175.77	3.27	7.41
5032	75	OLDS	DELT	350.	COLD TRANS (1)	6.15	52.81	985.88	2.66	8.15
					COLD TRANS (2)	1.45	7.94	1093.96	2.54	7.99
					COLD STAB.	0.44	1.54	709.27	1.68	12.45
					HOT TRANS	0.98	7.28	911.01	2.23	9.59
					72 WEIGHTING	1.75	12.70	843.74	2.17	10.21
					75 WEIGHTING	1.13	7.66	813.46	2.09	10.71
5033	75	OLDS	DELT	350.	COLD TRANS (1)	16.00	70.66	673.66	1.54	10.62
					COLD TRANS (2)	5.72	36.61	972.30	1.70	8.47
					COLD STAB.	1.80	6.13	641.35	1.27	13.52
					HOT TRANS	3.00	14.73	810.44	1.75	10.53
					72 WEIGHTING	5.34	24.93	717.73	1.41	11.47
					75 WEIGHTING	3.60	16.19	713.06	1.44	11.84
5034	75	OLDS	STAW	455.	COLD TRANS (1)	5.91	41.24	1121.52	2.30	7.37
					COLD TRANS (2)	5.76	126.94	1048.75	2.12	7.01
					COLD STAB.	2.56	54.53	731.70	1.67	10.75
					HOT TRANS	4.57	89.44	885.26	2.01	8.53
					72 WEIGHTING	3.88	67.35	873.47	1.88	8.95
					75 WEIGHTING	3.59	68.06	827.96	1.84	9.38

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5035	75	PLYM	FURY	318.	COLD TRANS (1)	12.20	380.02	851.72	1.54	5.97
					COLD TRANS (2)	5.38	169.93	1278.31	3.33	5.68
					COLD STAB.	1.64	65.89	757.35	1.62	10.25
					HOT TRANS	2.93	93.52	1009.07	1.77	7.62
					72 WEIGHTING	4.45	148.00	885.90	1.97	7.84
					75 WEIGHTING	3.14	107.55	670.49	1.80	8.46
5036	75	PLYM	DUST	225.	COLD TRANS (1)	5.59	55.83	740.16	1.86	10.50
					COLD TRANS (2)	5.07	146.20	698.69	0.82	9.40
					COLD STAB.	2.52	67.40	452.56	1.15	15.67
					HOT TRANS	5.28	94.60	607.81	0.81	11.48
					72 WEIGHTING	3.65	81.90	559.74	1.22	12.68
					75 WEIGHTING	3.64	79.89	534.33	1.10	13.22
5037	75	PONT	CATA	400.	COLD TRANS (1)	9.04	154.31	1221.11	2.15	5.95
					COLD TRANS (2)	4.56	87.39	1286.49	1.79	6.17
					COLD STAB.	1.81	20.30	851.22	1.59	9.99
					HOT TRANS	2.06	17.11	1166.87	2.14	7.39
					72 WEIGHTING	3.78	60.15	1014.25	1.74	7.92
					75 WEIGHTING	2.71	36.70	993.68	1.78	8.37
5038	75	PONT	VENT	350.	COLD TRANS (1)	7.45	147.23	1006.61	2.53	7.04
					COLD TRANS (2)	4.84	99.87	1174.98	1.43	6.59
					COLD STAB.	1.66	25.55	776.74	1.18	10.80
					HOT TRANS	1.99	25.57	1017.47	1.40	8.34
					72 WEIGHTING	3.44	64.57	904.79	1.49	8.73
					75 WEIGHTING	2.50	42.33	886.93	1.36	9.23
5039	75	PONT	BONN	400.	COLD TRANS (1)	9.00	135.66	1118.60	2.28	6.52
					COLD TRANS (2)	6.17	174.89	1209.55	1.96	5.90
					COLD STAB.	2.26	69.60	869.51	1.63	9.00
					HOT TRANS	3.61	102.24	1040.96	1.69	7.32
					72 WEIGHTING	4.38	104.56	989.25	1.82	7.60
					75 WEIGHTING	3.48	92.13	960.41	1.77	7.95

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5040	76	MERC	CAPK	140.	COLD TRANS (1)	2.37	46.84	841.47	2.66	9.62
					COLD TRANS (2)	1.45	33.93	954.81	1.77	8.76
					COLD STAB.	0.59	15.52	582.33	1.52	14.58
					HOT TRANS	1.28	25.05	783.22	1.70	10.74
					72 WEIGHTING	1.11	25.41	710.87	1.79	11.77
					75 WEIGHTING	0.98	21.96	683.78	1.68	12.30
5041	75	DATS	B210	85.	COLD TRANS (1)	3.85	44.97	533.82	3.69	14.39
					COLD TRANS (2)	2.85	46.37	481.61	2.43	15.75
					COLD STAB.	1.84	22.72	337.17	2.59	23.44
					HOT TRANS	2.63	35.89	389.11	2.13	19.56
					72 WEIGHTING	2.44	31.99	405.40	2.77	19.15
					75 WEIGHTING	2.28	29.73	378.45	2.56	20.53
5042	75	HOND	STAW	91.	COLD TRANS (1)	4.93	27.46	534.79	1.17	14.95
					COLD TRANS (2)	0.73	10.98	610.62	1.15	14.08
					COLD STAB.	0.41	5.20	385.81	1.09	22.45
					HOT TRANS	0.97	6.15	508.69	1.17	17.02
					72 WEIGHTING	1.34	10.68	461.97	1.12	18.38
					75 WEIGHTING	0.94	7.77	446.81	1.12	19.21
5043	75	TOYO	CELI	133.	COLD TRANS (1)	3.06	32.17	678.12	5.33	12.02
					COLD TRANS (2)	3.52	26.44	753.11	4.82	11.01
					COLD STAB.	1.58	12.21	489.59	4.04	17.28
					HOT TRANS	3.20	14.23	620.41	4.78	13.59
					72 WEIGHTING	2.27	19.04	581.52	4.45	14.35
					75 WEIGHTING	2.25	15.61	559.19	4.39	15.02
5044	75	VOLK	SEDA	97.	COLD TRANS (1)	5.07	37.36	673.86	3.22	11.86
					COLD TRANS (2)	2.01	6.45	820.09	2.10	10.61
					COLD STAB.	1.17	3.66	489.32	1.48	17.79
					HOT TRANS	1.72	5.46	649.34	1.97	13.38
					72 WEIGHTING	2.09	10.69	594.76	1.94	14.36
					75 WEIGHTING	1.69	7.10	571.44	1.79	15.10

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5045	75	VOLK	RABB	90.	COLD TRANS (1)	19.92	22.50	533.60	1.32	14.04
					COLD TRANS (2)	0.54	3.68	679.18	0.88	12.93
					COLD STAB.	0.28	3.05	457.83	1.41	19.15
					HOT TRANS	0.68	1.95	555.58	0.75	15.83
					72 WEIGHTING	4.09	6.90	519.27	1.28	16.34
					75 WEIGHTING	2.01	4.45	506.72	1.20	17.06
2076	72	AMC	GREM	258.	COLD TRANS (1)	5.81	130.25	703.05	2.65	9.58
					COLD TRANS (2)	4.08	28.21	994.46	5.90	8.44
					COLD STAB.	6.70	7.11	613.51	4.26	13.74
					HOT TRANS	3.29	14.43	722.92	3.73	11.74
					72 WEIGHTING	5.97	35.12	711.43	4.30	11.30
					75 WEIGHTING	5.60	20.84	680.76	4.16	12.14
2077	72	BUIC	RIVI	455.	COLD TRANS (1)	4.70	69.52	1621.73	6.00	5.08
					COLD TRANS (2)	4.41	161.48	1504.68	4.54	5.01
					COLD STAB.	1.86	62.10	1021.79	3.52	7.89
					HOT TRANS	4.40	101.24	1280.72	3.99	6.11
					72 WEIGHTING	2.94	84.60	1238.90	4.21	6.43
					75 WEIGHTING	2.91	80.77	1174.66	3.92	6.77
2078	72	CADI	FLEE	472.	COLD TRANS (1)	19.61	135.09	1232.80	3.44	5.89
					COLD TRANS (2)	3.79	81.28	1548.85	2.57	5.26
					COLD STAB.	2.07	32.37	951.15	3.21	8.80
					HOT TRANS	3.34	51.17	1279.47	3.07	6.48
					72 WEIGHTING	5.79	62.38	1131.77	3.12	7.11
					75 WEIGHTING	3.96	49.60	1104.28	3.14	7.43
2079	72	CHEV	VEGA	140.	COLD TRANS (1)	9.62	126.57	514.86	1.91	11.87
					COLD TRANS (2)	6.68	103.06	532.32	1.54	12.41
					COLD STAB.	2.87	36.78	334.22	2.16	22.13
					HOT TRANS	4.07	56.68	432.26	1.77	16.61
					72 WEIGHTING	4.97	66.36	410.77	1.96	16.62
					75 WEIGHTING	4.05	54.94	389.67	2.00	16.16

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
2080	72	CHEV	MONT	350.	COLD TRANS (1)	8.91	137.93	1075.44	3.77	6.72
					COLD TRANS (2)	6.25	51.70	1302.22	3.95	6.32
					COLD STAB.	3.64	19.03	793.77	3.54	10.63
					HOT TRANS	5.27	36.92	1078.73	3.95	7.69
					72 WEIGHTING	5.20	48.69	955.46	3.67	8.47
					75 WEIGHTING	4.69	35.69	928.80	3.69	8.87
2081	72	CHEV	MALI	350.	COLD TRANS (1)	12.94	150.05	777.28	1.72	8.42
					COLD TRANS (2)	6.73	125.75	896.78	1.34	7.95
					COLD STAB.	4.22	54.43	605.37	2.08	12.60
					HOT TRANS	6.90	119.76	757.79	1.50	9.17
					72 WEIGHTING	6.42	87.83	700.04	1.86	10.34
					75 WEIGHTING	5.78	83.81	661.12	1.85	10.68
2082	72	CHEV	NOVA	307.	COLD TRANS (1)	11.45	83.39	893.39	3.07	8.37
					COLD TRANS (2)	3.91	11.42	1175.59	2.93	7.36
					COLD STAB.	2.00	5.17	757.49	1.94	11.50
					HOT TRANS	3.59	9.90	969.60	2.61	8.91
					72 WEIGHTING	4.21	21.45	872.15	2.37	9.66
					75 WEIGHTING	3.31	13.26	855.55	2.28	10.01
2083	72	CHEV	IMPA	350.	COLD TRANS (1)	9.91	141.77	918.07	3.41	7.57
					COLD TRANS (2)	6.88	114.70	1056.67	3.09	7.05
					COLD STAB.	4.09	43.21	730.34	4.17	10.94
					HOT TRANS	5.66	66.03	843.54	3.32	8.74
					72 WEIGHTING	5.80	77.22	835.45	3.80	9.10
					75 WEIGHTING	5.19	63.08	813.05	3.62	9.56
2084	72	CHEV	CAPR	400.	COLD TRANS (1)	6.50	54.48	1030.58	3.84	7.81
					COLD TRANS (2)	4.82	39.99	1260.14	3.42	6.63
					COLD STAB.	2.84	13.93	766.18	4.02	10.86
					HOT TRANS	5.05	29.74	1051.67	3.73	7.96
					72 WEIGHTING	3.96	27.21	933.43	3.86	8.98
					75 WEIGHTING	3.83	23.27	910.52	3.88	9.25

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
2085	72	DODG	CORO	318.	COLD TRANS (1)	9.36	123.51	844.11	3.66	8.31
					COLD TRANS (2)	15.88	289.06	743.61	3.37	7.11
					COLD STAB.	7.78	126.06	535.94	3.88	11.70
					HOT TRANS	11.59	210.87	667.33	3.92	8.57
					72 WEIGHTING	9.80	160.15	638.89	3.73	9.63
					75 WEIGHTING	9.52	160.21	610.41	3.83	9.95
2086	72	FORD	PINT	122.	COLD TRANS (1)	8.06	86.22	461.30	2.02	14.26
					COLD TRANS (2)	6.16	79.01	483.02	2.29	14.16
					COLD STAB.	2.86	39.45	338.62	2.15	21.66
					HOT TRANS	4.73	57.45	436.42	2.33	16.32
					72 WEIGHTING	4.56	56.78	392.70	2.15	17.66
					75 WEIGHTING	4.02	51.04	384.82	2.19	18.56
2087	72	FORD	TORI	351.	COLD TRANS (1)	7.98	174.32	1136.72	5.15	6.18
					COLD TRANS (2)	2.39	14.94	1305.40	5.05	6.64
					COLD STAB.	1.77	6.60	821.75	4.89	10.59
					HOT TRANS	2.15	14.72	1090.38	5.26	7.91
					72 WEIGHTING	3.09	40.43	984.54	4.96	8.39
					75 WEIGHTING	2.58	23.01	953.50	5.01	8.89
2088	72	FORD	MAVE	200.	COLD TRANS (1)	6.10	101.11	526.36	3.96	12.60
					COLD TRANS (2)	6.92	209.91	639.29	3.97	8.96
					COLD STAB.	3.95	91.54	442.97	4.54	14.81
					HOT TRANS	6.11	146.53	545.87	4.21	11.16
					72 WEIGHTING	4.99	118.48	500.55	4.31	12.63
					75 WEIGHTING	4.89	115.76	491.38	4.37	12.88
2089	72	FORD	CUST	351.	COLD TRANS (1)	12.10	321.59	965.29	2.20	5.88
					COLD TRANS (2)	4.07	49.64	1244.51	4.25	6.65
					COLD STAB.	2.51	16.94	793.86	3.87	10.71
					HOT TRANS	3.91	37.69	1049.88	4.24	7.91
					72 WEIGHTING	4.68	82.11	922.22	3.63	8.33
					75 WEIGHTING	3.76	49.73	907.91	3.65	8.89

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
2090	72	FORD	STAW	400.	COLD TRANS (1)	7.66	85.78	1010.77	5.30	7.58
					COLD TRANS (2)	6.65	100.95	1133.75	5.23	6.76
					COLD STAB.	3.62	33.30	762.30	5.21	10.74
					HOT TRANS	6.10	49.84	980.26	5.44	8.23
					72 WEIGHTING	5.07	57.66	868.59	5.23	8.92
					75 WEIGHTING	4.81	47.59	866.71	5.27	9.28
2091	72	MERC	MONR	400.	COLD TRANS (1)	11.52	277.88	712.22	1.47	7.49
					COLD TRANS (2)	8.46	244.14	896.49	3.90	6.79
					COLD STAB.	4.35	108.49	638.30	4.69	10.79
					HOT TRANS	6.87	165.54	831.27	4.17	7.97
					72 WEIGHTING	6.59	169.64	707.20	3.91	8.92
					75 WEIGHTING	5.90	147.90	712.28	4.23	9.21
2092	72	OLDS	CUTL	350.	COLD TRANS (1)	12.96	215.29	1178.51	6.98	5.70
					COLD TRANS (2)	6.08	122.35	1159.74	2.30	6.47
					COLD STAB.	3.86	45.47	713.91	3.37	11.13
					HOT TRANS	5.25	54.41	968.03	2.92	8.29
					72 WEIGHTING	6.07	94.24	897.28	3.83	8.34
					75 WEIGHTING	5.13	68.50	851.17	3.47	9.10
2093	72	PLYM	DUST	225.	COLD TRANS (1)	12.47	231.21	524.93	1.77	9.57
					COLD TRANS (2)	11.96	232.62	552.37	2.64	9.29
					COLD STAB.	5.58	103.49	402.26	2.59	15.23
					HOT TRANS	8.46	133.62	496.39	2.54	12.10
					72 WEIGHTING	8.25	155.29	457.55	2.44	12.20
					75 WEIGHTING	7.39	132.69	447.67	2.51	13.06
2094	72	PLYM	FRY3	360.	COLD TRANS (1)	14.36	339.58	847.95	3.92	6.22
					COLD TRANS (2)	13.96	326.25	835.64	3.83	6.36
					COLD STAB.	6.47	155.11	578.64	3.55	10.53
					HOT TRANS	8.20	209.50	766.83	4.05	7.91
					72 WEIGHTING	9.57	227.09	684.63	3.66	8.28
					75 WEIGHTING	8.20	198.57	667.47	3.72	8.83

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2095	72	PONT	SAFA	400.	COLD TKANS (1)	19.76	213.52	920.89	4.16	6.73
					COLD TRANS (2)	18.66	297.99	771.96	3.21	6.83
					COLD STAB.	11.13	143.49	551.21	2.99	10.93
					HOT TRANS	14.50	225.73	678.71	3.66	8.22
					72 WEIGHTING	14.37	189.65	668.69	3.26	8.77
					75 WEIGHTING	13.30	162.24	631.04	3.26	9.25
2096	72	PONT	LEMA	350.	COLD TRANS (1)	12.30	223.18	868.29	2.25	7.06
					COLD TRANS (2)	9.76	297.78	897.41	1.74	6.36
					COLD STAB.	4.90	126.22	605.57	1.96	10.83
					HOT TRANS	8.27	202.38	806.11	2.06	7.72
					72 WEIGHTING	7.34	161.15	717.69	1.97	8.65
					75 WEIGHTING	6.73	167.35	699.88	1.99	9.02
2097	72	DATS	510	97.	COLD TRANS (1)	8.16	59.11	379.28	4.58	17.82
					COLD TRANS (2)	10.24	76.18	455.58	3.59	14.60
					COLD STAB.	4.44	40.79	314.64	3.31	22.59
					HOT TRANS	8.77	67.05	392.12	3.38	16.90
					72 WEIGHTING	6.38	51.80	356.89	3.61	19.36
					75 WEIGHTING	6.27	51.56	350.62	3.46	19.66
2098	72	TOYO	CORO	120.	COLD TRANS (1)	4.65	141.23	388.96	1.37	14.19
					COLD TRANS (2)	4.13	148.90	414.47	0.93	13.42
					COLD STAB.	2.58	96.89	284.27	0.91	19.96
					HOT TRANS	4.20	131.52	358.97	0.66	15.33
					72 WEIGHTING	3.30	116.40	331.90	1.00	16.90
					75 WEIGHTING	3.26	113.24	321.92	0.89	17.40
2099	72	VOLK	SEDA	97.	COLD TRANS (1)	19.88	131.62	438.00	1.50	12.54
					COLD TRANS (2)	10.63	119.22	539.10	1.64	11.67
					COLD STAB.	4.96	55.55	370.33	1.52	16.75
					HOT TRANS	11.13	92.83	462.49	1.48	13.79
					72 WEIGHTING	9.06	83.60	419.07	1.54	15.32
					75 WEIGHTING	8.14	76.18	412.47	1.52	15.91

APPENDIX G (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2100	72	VOLK	KOMB	103.	COLD TRANS (1)	13.18	149.87	636.63	2.59	9.71
					COLD TRANS (2)	9.18	200.63	794.08	2.21	7.80
					COLD STAB.	4.69	94.79	522.94	1.84	12.92
					HOT TRANS	8.83	151.38	675.29	2.06	9.43
					72 WEIGHTING	7.26	127.77	602.19	2.06	10.75
					75 WEIGHTING	6.75	121.98	542.03	1.99	11.02

APPENDIX H

LISTING OF HIGH SPEED CYCLE EMISSIONS AND FUEL ECONOMY RESULTS ON INDIVIDUAL VEHICLES

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APPENDIX H

LISTING OF HIGH SPEED CYCLE EMISSIONS AND FUEL ECONOMY RESULTS ON INDIVIDUAL VEHICLES

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5011	75	AMC	PACE	258.	COLD TRANS	0.89	26.89	634.43	2.22	13.06
					COLD STAB.	0.03	4.25	536.09	1.52	16.69
					HOT TRANS	0.55	6.73	563.03	1.67	15.43
					72 WEIGHTING	0.27	10.63	565.15	1.72	15.23
					75 WEIGHTING	0.21	7.34	553.64	1.63	15.68
5012	75	BUIC	CNTY	350.	COLD TRANS	1.66	23.76	547.58	4.04	15.04
					COLD STAB.	0.14	2.90	476.61	4.56	16.42
					HOT TRANS	0.51	6.23	557.18	4.54	15.52
					72 WEIGHTING	0.57	8.78	496.68	4.42	17.33
					75 WEIGHTING	0.38	6.28	498.22	4.50	17.43
5013	75	BUIC	ESTA	455.	COLD TRANS	1.64	12.38	834.97	4.52	10.32
					COLD STAB.	0.11	0.82	663.13	2.74	13.35
					HOT TRANS	0.59	5.29	740.80	2.57	11.67
					72 WEIGHTING	0.54	4.07	711.46	3.24	12.33
					75 WEIGHTING	0.37	2.61	696.33	2.93	12.65
5014	75	BUIC	REGA	350.	COLD TRANS	2.00	25.36	618.57	5.19	13.35
					COLD STAB.	0.10	1.00	486.44	4.96	16.16
					HOT TRANS	0.26	1.47	530.66	4.78	16.63
					72 WEIGHTING	0.63	7.86	523.60	5.02	16.50
					75 WEIGHTING	0.35	4.02	509.48	4.96	17.17
5015	75	CADI	DEVI	500.	COLD TRANS	1.11	19.95	828.17	1.59	10.26
					COLD STAB.	0.10	2.37	667.85	1.69	13.21
					HOT TRANS	0.55	6.22	726.60	1.76	12.02
					72 WEIGHTING	0.39	7.32	712.93	1.66	12.23
					75 WEIGHTING	0.30	5.12	696.62	1.69	12.58
5016	75	CHEV	MONZ	140.	COLD TRANS	1.72	30.15	497.65	5.35	16.12
					COLD STAB.	0.06	0.05	383.73	0.96	23.11
					HOT TRANS	0.13	0.72	428.40	5.52	20.64
					72 WEIGHTING	0.53	6.53	415.77	6.51	20.60
					75 WEIGHTING	0.27	3.80	404.65	6.53	21.57

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5017	75	CHEV	CAMA	250.	COLD TRANS	2.34	16.64	643.58	2.06	13.29
					COLD STAB.	0.11	0.09	476.30	1.92	16.54
					HOT TRANS	0.64	0.58	536.92	1.89	16.44
					72 WEIGHTING	0.74	3.06	524.80	1.96	16.66
					75 WEIGHTING	0.46	1.44	507.07	1.93	17.35
5018	75	CHEV	MONT	350.	COLD TRANS	1.61	16.68	796.88	2.06	10.72
					COLD STAB.	0.09	2.29	633.42	2.05	13.43
					HOT TRANS	0.28	1.18	680.69	1.85	14.59
					72 WEIGHTING	0.51	6.34	674.39	2.05	12.64
					75 WEIGHTING	0.30	3.85	660.73	2.02	13.29
5019	75	CHEV	CAMA	350.	COLD TRANS	1.75	36.37	690.59	2.20	11.78
					COLD STAB.	0.10	0.11	568.89	1.70	15.59
					HOT TRANS	0.27	0.72	626.84	1.68	14.11
					72 WEIGHTING	0.56	10.33	603.09	1.84	14.29
					75 WEIGHTING	0.33	4.60	592.66	1.76	14.76
5020	75	CHEV	MONT	350.	COLD TRANS	1.94	22.66	724.64	2.13	11.56
					COLD STAB.	0.06	0.01	578.95	2.06	15.32
					HOT TRANS	0.45	1.15	636.40	1.68	13.86
					72 WEIGHTING	0.54	6.45	619.91	2.09	14.05
					75 WEIGHTING	0.35	2.96	605.74	2.05	14.51
5021	75	CHEV	IMPA	400.	COLD TRANS	1.13	9.37	815.09	2.31	10.65
					COLD STAB.	0.06	0.04	606.23	1.96	14.54
					HOT TRANS	0.71	1.78	703.24	1.77	12.53
					72 WEIGHTING	0.36	2.67	666.43	2.07	13.21
					75 WEIGHTING	0.29	1.45	648.46	1.98	13.62
5022	75	CHRY	NEWP	400.	COLD TRANS	1.99	29.91	786.46	3.35	10.54
					COLD STAB.	0.05	0.93	608.31	4.49	14.55
					HOT TRANS	0.48	3.22	697.33	3.75	12.61
					72 WEIGHTING	0.60	4.64	658.98	4.17	13.15
					75 WEIGHTING	0.35	4.61	644.34	4.23	13.59

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5023	75	DODG	DART	318.	COLD TRANS	0.58	4.77	672.46	1.53	13.02
					COLD STAB.	0.06	0.12	478.02	1.63	18.55
					HOT TRANS	0.73	0.46	522.60	1.69	16.86
					72 WEIGHTING	0.21	1.43	532.74	1.60	16.57
					75 WEIGHTING	0.23	0.82	506.67	1.66	17.36
5024	75	DODG	DART	225.	COLD TRANS	1.03	11.18	600.38	1.46	14.29
					COLD STAB.	0.07	0.38	447.06	1.26	19.62
					HOT TRANS	0.62	1.53	484.42	1.50	18.13
					72 WEIGHTING	0.34	3.42	490.19	1.31	17.87
					75 WEIGHTING	0.31	1.67	471.57	1.32	18.67
5025	75	FORD	MUST	140.	COLD TRANS	0.39	3.32	553.32	2.32	15.80
					COLD STAB.	0.04	0.47	383.33	1.93	23.10
					HOT TRANS	0.18	1.06	459.65	1.66	19.21
					72 WEIGHTING	0.14	1.27	431.18	2.04	20.47
					75 WEIGHTING	0.11	0.91	416.16	1.93	21.24
5026	75	FORD	GRAN	302.	COLD TRANS	1.30	8.42	661.08	2.30	12.71
					COLD STAB.	0.35	0.53	510.42	2.00	17.32
					HOT TRANS	0.83	1.43	576.37	1.76	15.27
					72 WEIGHTING	0.62	2.75	558.43	2.06	15.72
					75 WEIGHTING	0.55	1.63	541.61	2.00	16.26
5027	75	FORD	GRAN	250.	COLD TRANS	0.68	5.92	631.34	3.16	13.61
					COLD STAB.	0.08	0.29	431.54	2.26	20.53
					HOT TRANS	0.31	0.54	546.06	3.83	16.20
					72 WEIGHTING	0.25	1.67	487.77	2.53	18.06
					75 WEIGHTING	0.19	1.61	474.08	2.64	18.64
5028	75	FORD	TORI	351.	COLD TRANS	1.54	11.49	662.31	1.80	16.62
					COLD STAB.	0.17	2.07	651.46	1.99	13.54
					HOT TRANS	1.07	4.33	747.68	1.94	11.71
					72 WEIGHTING	0.57	4.72	710.74	1.94	12.33
					75 WEIGHTING	0.49	3.57	692.38	1.96	12.69

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5029	75	FORD	LTD	460.	COLD TRANS	0.85	18.17	928.03	1.09	9.25
					COLD STAB.	0.02	1.45	727.60	0.98	12.16
					HOT TRANS	0.52	7.48	832.83	0.97	10.49
					72 WEIGHTING	0.26	6.16	7c3.97	1.01	11.17
					75 WEIGHTING	0.20	4.44	768.68	0.99	11.43
5030	75	MERC	MARQ	400.	COLD TRANS	0.75	12.26	876.22	1.41	9.69
					COLD STAB.	0.04	0.68	696.03	1.64	12.73
					HOT TRANS	0.68	3.34	831.60	1.89	10.57
					72 WEIGHTING	0.24	3.94	746.70	1.58	11.78
					75 WEIGHTING	0.26	2.51	739.53	1.65	11.92
5031	75	MERC	COUG	351.	COLD TRANS	0.81	4.62	742.17	4.65	11.80
					COLD STAB.	0.12	0.28	577.36	3.30	15.35
					HOT TRANS	0.24	1.61	661.08	5.12	13.36
					72 WEIGHTING	0.32	1.50	623.71	3.68	14.15
					75 WEIGHTING	0.23	1.02	610.69	3.75	14.48
5032	75	OLDS	CUTL	350.	COLD TRANS	1.73	30.41	677.36	1.39	12 15
					COLD STAB.	0.39	14.11	564.95	1.13	16.80
					HOT TRANS	0.64	16.66	553.09	0.90	15.27
					72 WEIGHTING	0.77	16.76	553.46	1.20	15.16
					75 WEIGHTING	0.60	10.49	533.50	1.12	15.61
5033	75	OLDS	CUTL	350.	COLD TRANS	0.69	4.24	692.44	1.77	12.64
					COLD STAB.	0.04	0.0	549.31	1.77	16.15
					HOT TRANS	0.32	1.69	569.71	1.45	14.96
					72 WEIGHTING	0.28	1.19	584.57	1.77	14.48
					75 WEIGHTING	0.19	0.78	575.06	1.80	15.44
5034	75	OLDS	DELT	455.	COLD TRANS	1.84	7.93	879.93	2.61	9.88
					COLD STAB.	0.09	1.06	681.10	2.45	12.99
					HOT TRANS	0.49	5.18	732.58	2.01	11.96
					72 WEIGHTING	0.59	3.00	737.03	2.49	11.94
					75 WEIGHTING	0.37	2.56	713.36	2.40	12.33

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5035	75	PLYM	FURY	318.	COLD TRANS	1.34	15.25	690.29	2.62	12.85
					COLD STAB.	0.14	0.18	490.74	3.34	18.06
					HOT TRANS	0.85	3.46	594.94	3.00	14.72
					72 WEIGHTING	0.49	4.42	546.90	3.17	15.96
					75 WEIGHTING	0.40	2.53	531.58	3.23	16.53
5036	75	PLYM	DUST	225.	COLD TRANS	0.77	6.49	496.11	5.26	17.45
					COLD STAB.	0.18	0.64	374.90	7.10	23.58
					HOT TRANS	0.42	1.70	435.38	5.78	20.20
					72 WEIGHTING	0.34	2.29	409.00	6.58	21.45
					75 WEIGHTING	0.29	1.52	399.25	6.67	22.05
5037	75	PONT	CATA	400.	COLD TRANS	1.47	15.21	768.92	7.24	11.13
					COLD STAB.	0.12	1.07	559.79	7.78	15.80
					HOT TRANS	1.06	5.90	660.59	6.94	13.18
					72 WEIGHTING	0.50	5.05	616.63	7.62	14.13
					75 WEIGHTING	0.44	3.56	601.23	7.56	14.59
5038	75	PONT	VENT	350.	COLD TRANS	0.98	6.51	700.16	1.81	12.44
					COLD STAB.	0.08	0.89	575.83	1.35	15.37
					HOT TRANS	0.45	2.72	617.83	1.52	14.23
					72 WEIGHTING	0.33	2.46	610.78	1.48	14.41
					75 WEIGHTING	0.25	1.87	597.55	1.43	14.76
5039	75	PONT	GRNV	455.	COLD TRANS	1.11	8.60	822.97	2.02	10.57
					COLD STAB.	0.73	0.25	358.15	1.04	24.59
					HOT TRANS	0.92	2.29	417.61	1.84	20.93
					72 WEIGHTING	0.84	2.00	489.07	1.52	17.90
					75 WEIGHTING	0.81	1.59	423.97	1.29	20.69
5040	76	CAPR	II	140.	COLD TRANS	0.40	2.37	453.74	2.04	19.55
					COLD STAB.	0.10	0.50	350.56	1.75	25.24
					HOT TRANS	0.50	0.87	409.03	1.86	21.54
					72 WEIGHTING	0.18	1.03	379.58	1.83	23.25
					75 WEIGHTING	0.20	0.76	372.40	1.80	23.71

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5041	75	DATS	B210	85.	COLD TRANS	0.96	17.62	371.71	2.63	22.05
					COLD STAB.	0.14	2.32	290.12	2.51	30.17
					HOT TRANS	0.33	2.45	308.82	2.20	28.29
					72 WEIGHTING	0.37	6.63	313.07	2.54	27.34
					75 WEIGHTING	0.27	4.19	302.97	2.47	28.59
5042	75	HOND	CVCC	91.	COLD TRANS	1.62	11.07	274.32	2.04	29.90
					COLD STAB.	0.10	3.86	264.81	2.75	32.73
					HOT TRANS	0.46	4.29	306.17	2.49	28.23
					72 WEIGHTING	0.53	5.89	287.45	2.55	31.88
					75 WEIGHTING	0.34	4.80	272.57	2.63	31.56
5043	75	TOYO	CORO	133.	COLD TRANS	0.60	5.11	451.96	3.21	19.22
					COLD STAB.	0.05	0.29	361.06	3.55	24.54
					HOT TRANS	0.10	0.38	420.67	3.10	21.05
					72 WEIGHTING	0.21	1.64	386.62	3.46	22.77
					75 WEIGHTING	0.13	0.88	381.59	3.44	23.15
5044	75	VOLK	SEDA	97.	COLD TRANS	2.23	16.17	361.74	2.90	22.51
					COLD STAB.	0.05	0.88	326.21	2.80	27.08
					HOT TRANS	0.18	5.63	321.38	2.04	26.83
					72 WEIGHTING	0.67	5.19	336.17	2.83	25.62
					75 WEIGHTING	0.34	3.56	329.69	2.69	26.40
5045	75	VOLK	RABB	90.	COLD TRANS	0.86	12.96	429.23	2.26	19.62
					COLD STAB.	0.27	10.37	311.16	1.91	27.03
					HOT TRANS	0.62	10.95	351.65	2.53	23.96
					72 WEIGHTING	0.43	11.10	344.38	2.01	24.44
					75 WEIGHTING	0.43	10.77	331.92	2.02	25.34
2076	72	AMC	GREM	232.	COLD TRANS	2.72	16.36	449.77	6.34	18.33
					COLD STAB.	1.72	9.16	361.37	9.16	23.28
					HOT TRANS	2.95	9.52	388.97	7.53	21.47
					72 WEIGHTING	2.00	11.19	386.22	8.92	21.64
					75 WEIGHTING	2.04	10.09	378.45	8.79	22.26

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2077	72	BUIC	SKYL	350.	COLD TRANS	2.98	43.90	612.33	4.47	12.65
					COLD STAB.	0.97	9.71	451.69	4.77	16.88
					HOT TRANS	1.88	14.16	493.29	4.61	17.02
					72 WEIGHTING	1.53	19.34	496.89	4.68	16.68
					75 WEIGHTING	1.36	14.56	477.77	4.71	17.56
2078	72	CADI	DEVI	472.	COLD TRANS	3.72	115.07	768.62	5.84	9.23
					COLD STAB.	1.35	19.03	603.01	7.83	13.93
					HOT TRANS	1.99	37.65	705.77	6.78	11.51
					72 WEIGHTING	2.02	46.09	649.64	7.27	12.18
					75 WEIGHTING	1.74	33.65	634.52	7.42	12.72
2079	72	CHEV	VEGA	140.	COLD TRANS	3.54	33.60	440.53	2.07	17.59
					COLD STAB.	0.43	6.65	367.24	2.15	23.42
					HOT TRANS	2.37	13.06	374.01	2.21	22.08
					72 WEIGHTING	1.31	14.24	387.84	2.13	21.42
					75 WEIGHTING	1.12	10.94	377.15	2.15	22.31
2080	72	CHEV	CHEL	350.	COLD TRANS	3.17	23.93	558.32	2.53	14.65
					COLD STAB.	1.01	5.10	340.77	2.13	25.22
					HOT TRANS	1.17	10.21	562.18	2.53	15.01
					72 WEIGHTING	1.62	10.40	402.62	2.24	20.96
					75 WEIGHTING	1.30	9.16	402.64	2.25	21.07
2081	72	CHEV	MONT	350.	COLD TRANS	1.39	19.83	762.98	3.86	11.11
					COLD STAB.	0.89	6.01	502.56	4.30	17.14
					HOT TRANS	1.57	16.04	570.14	4.01	14.76
					72 WEIGHTING	1.03	11.34	575.67	4.17	14.67
					75 WEIGHTING	1.06	10.73	544.90	4.20	15.71
2082	72	CHEV	NOVA	250.	COLD TRANS	2.59	8.50	540.51	5.92	15.74
					COLD STAB.	1.24	3.92	384.17	6.56	22.23
					HOT TRANS	1.66	4.93	459.75	4.80	18.75
					72 WEIGHTING	1.62	5.21	431.76	6.37	19.94
					75 WEIGHTING	1.50	4.64	415.74	6.26	20.60

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2083	72	CHEV	IMPA	350.	COLD TRANS	2.17	56.19	651.61	5.02	11.88
					COLD STAB.	0.75	14.77	498.90	6.46	16.92
					HOT TRANS	1.10	18.82	570.78	5.48	14.55
					72 WEIGHTING	1.15	28.44	541.85	6.07	15.12
					75 WEIGHTING	0.98	20.44	529.83	6.14	15.71
2084	72	CHEV	KING	400.	COLD TRANS	6.05	56.14	787.75	3.99	10.02
					COLD STAB.	2.99	11.59	583.00	3.68	14.53
					HOT TRANS	7.38	13.60	643.79	3.68	12.89
					72 WEIGHTING	3.86	22.45	640.60	3.77	12.90
					75 WEIGHTING	4.07	16.58	617.48	3.72	13.52
2085	72	DODG	CORO	318.	COLD TRANS	3.59	53.36	579.57	6.19	13.15
					COLD STAB.	2.07	24.17	449.61	7.43	17.96
					HOT TRANS	3.26	48.60	516.07	6.48	14.75
					72 WEIGHTING	2.50	32.39	486.17	7.08	16.26
					75 WEIGHTING	2.45	31.53	475.47	7.13	16.64
2086	72	FORD	PINT	122.	COLD TRANS	4.65	47.92	298.51	5.23	22.81
					COLD STAB.	2.15	23.95	251.46	5.04	29.99
					HOT TRANS	2.97	30.23	279.34	5.15	25.67
					72 WEIGHTING	2.91	30.70	264.68	5.09	27.55
					75 WEIGHTING	2.61	28.83	261.60	5.08	28.16
2087	72	FORD	TORI	302.	COLD TRANS	6.30	56.83	557.21	5.43	13.32
					COLD STAB.	3.05	16.03	438.12	5.74	16.77
					HOT TRANS	3.79	19.97	507.77	5.63	16.10
					72 WEIGHTING	3.96	27.52	471.61	5.66	16.83
					75 WEIGHTING	3.56	21.60	463.67	5.72	17.44
2088	72	FORD	MUST	250.	COLD TRANS	3.03	63.65	561.12	5.63	13.23
					COLD STAB.	1.24	15.63	381.58	6.11	21.65
					HOT TRANS	1.97	27.00	462.10	5.23	16.72
					72 WEIGHTING	1.74	29.16	431.47	5.97	18.36
					75 WEIGHTING	1.57	23.27	414.18	5.91	19.26

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2089	72	FORD	TORI	351.	COLD TRANS	4.50	68.01	659.47	6.74	11.37
					COLD STAB.	2.69	37.16	483.11	6.95	16.12
					HOT TRANS	6.36	67.87	539.11	5.26	13.33
					72 WEIGHTING	3.34	45.65	532.73	6.89	14.42
					75 WEIGHTING	3.64	45.82	513.40	6.65	14.87
2090	72	FORD	LTD	400.	COLD TRANS	9.06	60.92	666.08	10.60	10.95
					COLD STAB.	1.68	21.05	528.01	10.96	15.67
					HOT TRANS	3.38	39.39	608.14	10.84	13.04
					72 WEIGHTING	3.76	32.29	572.47	10.85	13.97
					75 WEIGHTING	2.85	28.83	559.96	10.89	14.45
2091	72	MERC	MONT	351.	COLD TRANS	2.58	42.93	567.91	3.82	13.36
					COLD STAB.	1.07	12.75	410.26	4.44	20.37
					HOT TRANS	2.29	21.35	518.54	3.87	15.67
					72 WEIGHTING	1.93	21.25	460.26	4.27	17.76
					75 WEIGHTING	1.88	17.74	449.12	4.27	18.37
2092	72	OLDS	DELT	350.	COLD TRANS	3.61	24.93	614.16	7.60	13.35
					COLD STAB.	2.17	6.86	497.15	9.66	17.24
					HOT TRANS	3.08	13.09	540.42	8.31	15.54
					72 WEIGHTING	2.57	11.45	530.05	9.13	15.93
					75 WEIGHTING	2.49	10.05	516.29	9.21	16.38
2093	72	PLYM	DUST	225.	COLD TRANS	3.61	64.60	504.11	6.06	14.36
					COLD STAB.	1.63	23.07	409.52	7.16	19.66
					HOT TRANS	2.85	27.39	444.77	5.61	17.86
					72 WEIGHTING	2.19	34.77	436.11	6.85	17.85
					75 WEIGHTING	2.07	28.79	426.58	6.76	18.55
2094	72	PLYM	SATE	400.	COLD TRANS	1.98	6.26	623.95	3.53	13.87
					COLD STAB.	0.61	1.76	457.38	4.58	19.21
					HOT TRANS	1.10	3.09	551.92	3.87	15.64
					72 WEIGHTING	1.00	3.05	504.25	4.28	17.35
					75 WEIGHTING	0.86	2.54	492.68	4.34	17.77

APPENDIX H (CONTD)

CALIFORNIA

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2095	72	PONT	BONN	455.	COLD TRANS	3.16	31.58	713.01	5.90	11.49
					COLD STAB.	1.43	10.25	544.53	7.20	15.70
					HOT TRANS	2.22	14.42	666.96	6.76	12.76
					72 WEIGHTING	1.92	16.26	591.92	6.63	14.23
					75 WEIGHTING	1.76	13.50	564.65	6.97	14.51
2096	72	PONT	CATA	400.	COLD TRANS	4.86	57.66	625.81	5.13	11.17
					COLD STAB.	1.92	15.12	476.48	7.63	17.53
					HOT TRANS	3.18	28.21	577.06	7.09	14.05
					72 WEIGHTING	2.75	36.38	516.49	6.92	15.11
					75 WEIGHTING	2.46	27.22	510.66	7.24	15.61
2097	72	DATS	510	71.	COLD TRANS	2.49	19.29	314.38	6.16	25.17
					COLD STAB.	1.41	8.39	244.30	6.63	33.68
					HOT TRANS	2.29	19.31	276.78	6.42	28.05
					72 WEIGHTING	1.71	11.46	264.01	6.50	30.68
					75 WEIGHTING	1.68	11.47	256.29	6.54	31.51
2098	72	TOYO	CORO	120.	COLD TRANS	4.01	114.74	244.69	1.41	17.91
					COLD STAB.	2.76	105.19	221.43	1.10	22.44
					HOT TRANS	3.97	104.91	244.11	1.09	21.65
					72 WEIGHTING	3.13	109.27	242.04	1.19	20.95
					75 WEIGHTING	3.12	106.89	233.92	1.13	21.55
2099	72	VOLK	SEDA	97.	COLD TRANS	2.17	26.89	176.47	2.42	39.34
					COLD STAB.	1.19	10.62	137.50	2.11	52.42
					HOT TRANS	2.00	24.45	154.61	2.10	44.51
					72 WEIGHTING	1.47	19.66	148.46	2.20	48.24
					75 WEIGHTING	1.44	19.26	144.95	2.15	49.36
2100	72	VOLK	SQUA	103.	COLD TRANS	4.07	60.68	318.60	3.80	26.78
					COLD STAB.	1.71	28.42	252.09	3.48	29.29
					HOT TRANS	2.64	37.22	286.29	3.16	25.13
					72 WEIGHTING	2.37	37.67	270.65	3.51	26.27
					75 WEIGHTING	2.14	34.10	265.63	3.44	27.22

APPENDIX H

LISTING OF HIGH SPEED CYCLE EMISSIONS AND FUEL ECONOMY RESULTS ON INDIVIDUAL VEHICLES

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5011	75	AMC	GREM	258.	COLD TRANS	1.75	38.51	453.02	2.31	17.10
					COLD STAB.	0.63	6.87	390.68	2.43	22.00
					HOT TRANS	1.05	13.60	431.72	2.98	19.45
					72 WEIGHTING	0.94	15.79	408.19	2.40	20.36
					75 WEIGHTING	0.83	11.79	404.77	2.50	20.64
5012	75	BUIC	REGA	350.	COLD TRANS	1.29	24.81	566.64	2.87	14.56
					COLD STAB.	0.07	1.00	450.22	2.48	19.64
					HOT TRANS	0.34	1.58	506.13	2.08	17.41
					72 WEIGHTING	0.41	7.71	482.96	2.56	17.88
					75 WEIGHTING	0.26	3.98	473.24	2.46	18.48
5013	75	BUIC	ELEC	455.	COLD TRANS	1.73	19.49	667.66	7.05	12.61
					COLD STAB.	0.37	4.50	520.98	6.64	16.77
					HOT TRANS	0.77	8.27	587.72	6.38	14.71
					72 WEIGHTING	0.75	8.72	562.24	6.75	15.35
					75 WEIGHTING	0.60	6.92	549.40	6.64	15.79
5014	75	BUIC	LESA	350.	COLD TRANS	1.48	22.26	604.54	2.86	13.78
					COLD STAB.	0.14	1.85	496.70	2.50	17.75
					HOT TRANS	0.59	6.06	544.15	2.12	15.98
					72 WEIGHTING	0.52	7.60	527.02	2.60	16.42
					75 WEIGHTING	0.37	5.00	517.32	2.48	16.86
5015	75	CADI	DEVI	500.	COLD TRANS	2.11	40.39	668.29	1.10	12.02
					COLD STAB.	0.45	28.77	530.51	0.72	15.36
					HOT TRANS	0.97	28.47	594.75	0.82	13.81
					72 WEIGHTING	0.92	32.04	569.25	0.83	14.26
					75 WEIGHTING	0.74	30.13	557.44	0.78	14.62
5016	75	CHEV	MONZ	140.	COLD TRANS	1.99	40.47	360.59	2.91	20.62
					COLD STAB.	0.09	2.75	302.86	3.20	28.86
					HOT TRANS	0.29	7.91	351.32	2.75	24.34
					72 WEIGHTING	0.63	13.38	319.08	3.12	25.94
					75 WEIGHTING	0.36	8.15	317.59	3.10	26.77

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5017	75	CHEV	CAMA	250.	COLD TRANS	1.93	28.08	484.36	3.08	16.60
					COLD STAB.	0.05	0.16	409.61	1.82	21.65
					HOT TRANS	0.50	0.96	435.22	2.01	20.25
					72 WEIGHTING	0.58	8.03	430.61	2.17	19.94
					75 WEIGHTING	0.35	3.67	422.72	2.00	20.66
5018	75	CHEV	MALI	350.	COLD TRANS	2.34	65.73	512.09	2.01	14.25
					COLD STAB.	0.57	15.14	431.34	1.99	19.42
					HOT TRANS	1.02	22.99	477.98	1.80	17.16
					72 WEIGHTING	1.07	29.39	454.03	2.00	17.62
					75 WEIGHTING	0.86	22.53	448.55	1.96	18.24
5019	75	CHEV	MALI	350.	COLD TRANS	3.75	21.18	531.20	2.14	15.40
					COLD STAB.	0.81	4.52	452.17	2.19	19.22
					HOT TRANS	2.13	3.02	498.63	2.15	17.40
					72 WEIGHTING	1.64	9.22	474.37	2.17	17.96
					75 WEIGHTING	1.38	6.30	469.14	2.18	18.36
5020	75	CHEV	CHEL	350.	COLD TRANS	1.34	13.04	582.20	2.52	14.62
					COLD STAB.	0.15	1.99	462.62	2.43	19.04
					HOT TRANS	0.59	2.64	509.70	2.21	17.21
					72 WEIGHTING	0.48	5.10	496.25	2.46	17.55
					75 WEIGHTING	0.36	3.43	484.60	2.41	18.07
5021	75	CHEV	STAW	400.	COLD TRANS	1.62	15.21	708.35	5.43	12.04
					COLD STAB.	0.09	0.02	562.23	5.93	15.78
					HOT TRANS	0.28	0.73	621.03	5.53	14.24
					72 WEIGHTING	0.52	4.30	603.32	5.79	14.51
					75 WEIGHTING	0.31	1.98	589.30	5.81	14.96
5022	75	CHRY	CORD	400.	COLD TRANS	11.84	111.64	711.82	2.05	9.60
					COLD STAB.	0.08	1.42	540.76	3.31	16.34
					HOT TRANS	0.74	3.95	648.95	2.55	13.50
					72 WEIGHTING	3.40	32.48	568.68	2.96	13.64
					75 WEIGHTING	1.61	15.16	576.78	3.04	14.60

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
5023	75	DODG	CORD	318.	COLD TRANS	2.13	61.14	576.69	2.22	13.02
					COLD STAB.	0.30	8.30	445.73	2.31	19.31
					HOT TRANS	0.86	20.57	497.32	2.03	16.67
					72 WEIGHTING	0.82	23.19	483.13	2.28	17.00
					75 WEIGHTING	0.62	16.67	470.06	2.25	17.81
5024	75	DODG	DART	225.	COLD TRANS	1.47	20.75	466.10	2.24	17.63
					COLD STAB.	0.32	4.04	375.45	2.11	23.18
					HOT TRANS	2.27	10.35	411.32	1.78	20.41
					72 WEIGHTING	0.65	8.75	400.94	2.15	21.30
					75 WEIGHTING	0.77	7.08	392.14	2.07	21.88
5025	75	FORD	MUST	140.	COLD TRANS	0.69	4.79	401.68	2.62	21.57
					COLD STAB.	0.22	0.70	306.52	2.75	28.79
					HOT TRANS	0.34	0.95	369.24	2.82	23.87
					72 WEIGHTING	0.36	1.85	333.29	2.71	26.31
					75 WEIGHTING	0.30	1.23	328.08	2.74	26.82
5026	75	FORD	MUST	302.	COLD TRANS	3.27	68.19	614.35	1.56	12.13
					COLD STAB.	1.61	25.48	461.56	2.15	17.52
					HOT TRANS	2.28	40.33	526.60	1.40	14.86
					72 WEIGHTING	2.08	37.51	504.55	1.98	15.57
					75 WEIGHTING	1.92	33.04	490.45	1.96	16.18
5027	75	FORD	GRAN	250.	COLD TRANS	1.17	17.66	572.95	2.36	14.68
					COLD STAB.	0.17	0.21	459.02	2.13	19.30
					HOT TRANS	0.60	0.61	510.30	2.03	17.30
					72 WEIGHTING	0.45	5.13	491.06	2.19	17.73
					75 WEIGHTING	0.36	2.39	481.00	2.14	18.27
5028	75	FORD	CUST	351.	COLD TRANS	0.94	9.07	724.07	3.69	11.97
					COLD STAB.	0.41	4.96	566.48	3.88	15.42
					HOT TRANS	1.10	6.27	639.34	3.41	13.60
					72 WEIGHTING	0.56	6.12	610.80	3.83	14.26
					75 WEIGHTING	0.59	5.67	597.19	3.78	14.60

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5029	75	FORD	LTD	400.	COLD TRANS	1.87	13.65	787.99	3.62	10.89
					COLD STAB.	0.39	4.93	597.19	3.16	14.64
					HOT TRANS	1.19	17.60	641.18	3.56	13.20
					72 WEIGHTING	0.81	7.39	650.87	3.29	13.35
					75 WEIGHTING	0.70	8.02	627.29	3.28	13.82
5030	75	MERC	MARQ	400.	COLD TRANS	1.92	40.68	741.34	3.67	10.94
					COLD STAB.	0.64	10.49	579.28	3.15	14.85
					HOT TRANS	1.74	30.38	629.03	3.35	13.61
					72 WEIGHTING	1.00	19.00	624.86	3.30	13.49
					75 WEIGHTING	0.97	17.34	606.82	3.24	13.93
5031	75	MERC	MONT	351.	COLD TRANS	0.95	10.62	782.25	3.82	11.07
					COLD STAB.	0.39	3.11	631.63	4.36	13.92
					HOT TRANS	0.70	6.28	714.12	3.83	12.22
					72 WEIGHTING	0.55	5.23	673.98	4.21	12.98
					75 WEIGHTING	0.51	4.53	663.03	4.21	13.21
5032	75	OLDS	DELT	350.	COLD TRANS	1.84	16.89	651.35	2.39	12.98
					COLD STAB.	0.15	4.31	524.14	2.20	16.70
					HOT TRANS	0.23	3.42	576.62	2.33	15.23
					72 WEIGHTING	0.63	7.85	559.91	2.25	15.46
					75 WEIGHTING	0.37	5.69	547.91	2.24	15.91
5033	75	OLDS	DELT	350.	COLD TRANS	3.13	22.38	556.50	1.60	14.75
					COLD STAB.	0.30	2.38	451.82	1.64	19.44
					HOT TRANS	0.91	5.51	498.64	1.77	17.40
					72 WEIGHTING	1.10	8.02	481.25	1.63	17.85
					75 WEIGHTING	0.74	5.31	471.96	1.65	18.39
5034	75	OLDS	STAW	455.	COLD TRANS	1.81	22.92	713.48	2.36	11.75
					COLD STAB.	0.35	6.40	556.18	2.41	15.64
					HOT TRANS	1.15	15.08	606.81	2.46	13.95
					72 WEIGHTING	0.76	11.05	600.42	2.39	14.31
					75 WEIGHTING	0.65	9.79	583.61	2.41	14.77

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5035	75	PLYM	FURY	318.	COLD TRANS	3.88	118.62	536.43	1.79	12.07
					COLD STAB.	0.28	9.23	499.35	2.64	17.24
					HOT TRANS	1.08	19.23	585.82	1.98	14.33
					72 WEIGHTING	1.30	40.05	509.72	2.40	15.39
					75 WEIGHTING	0.85	24.09	517.66	2.43	15.90
5036	75	PLYM	DUST	225.	COLD TRANS	1.61	28.14	402.03	1.85	19.66
					COLD STAB.	0.53	12.62	302.30	1.13	27.56
					HOT TRANS	1.32	22.66	351.94	0.90	22.66
					72 WEIGHTING	0.83	17.13	330.36	1.33	24.66
					75 WEIGHTING	0.79	16.26	322.31	1.18	25.33
5037	75	PONT	CATA	400.	COLD TRANS	2.67	37.37	657.79	2.12	12.24
					COLD STAB.	0.19	2.65	517.87	2.66	16.98
					HOT TRANS	0.44	4.79	598.32	2.48	14.62
					72 WEIGHTING	0.89	12.43	557.22	2.50	15.31
					75 WEIGHTING	0.53	7.20	547.67	2.56	15.83
5038	75	PONT	VENT	350.	COLD TRANS	1.87	36.79	593.37	2.34	13.51
					COLD STAB.	0.18	4.78	479.39	1.81	18.21
					HOT TRANS	0.74	14.40	532.71	1.59	15.92
					72 WEIGHTING	0.66	13.80	511.44	1.96	16.58
					75 WEIGHTING	0.48	10.20	501.69	1.84	17.09
5039	75	PONT	BONN	400.	COLD TRANS	3.69	65.69	758.13	1.85	10.17
					COLD STAB.	0.69	7.01	669.69	2.75	12.62
					HOT TRANS	3.50	14.83	724.62	2.92	11.69
					72 WEIGHTING	1.67	23.55	708.88	2.49	11.82
					75 WEIGHTING	1.64	15.38	703.49	2.67	12.11
5040	76	MERC	CAPR	140.	COLD TRANS	0.85	14.59	455.98	2.01	18.43
					COLD STAB.	0.38	3.99	334.99	1.65	25.92
					HOT TRANS	0.55	7.32	404.36	1.54	21.25
					72 WEIGHTING	0.51	6.98	369.03	1.75	23.26
					75 WEIGHTING	0.46	5.81	360.74	1.68	23.90

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
5041	75	DATS	B210	85.	COLD TRANS	1.65	20.51	331.41	3.02	24.06
					COLD STAB.	0.89	6.38	277.42	3.14	30.58
					HOT TRANS	1.31	8.11	281.00	2.73	29.79
					72 WEIGHTING	1.11	10.36	292.59	3.10	28.41
					75 WEIGHTING	1.05	8.37	284.50	3.06	29.49
5042	75	HOND	STAW	91.	COLD TRANS	1.52	10.55	333.22	1.33	25.03
					COLD STAB.	0.10	3.16	253.52	1.58	34.29
					HOT TRANS	2.41	3.98	296.98	1.47	28.55
					72 WEIGHTING	0.50	5.24	275.94	1.51	31.06
					75 WEIGHTING	0.65	4.19	270.12	1.53	31.84
5043	75	TOYO	CELI	133.	COLD TRANS	1.51	13.73	419.79	5.91	19.89
					COLD STAB.	0.74	4.70	324.64	5.60	26.54
					HOT TRANS	1.30	6.11	377.67	5.62	22.68
					72 WEIGHTING	0.96	7.25	351.41	5.69	24.26
					75 WEIGHTING	0.92	6.02	344.64	5.64	24.86
5044	75	VOLK	SEDA	97.	COLD TRANS	2.72	15.96	364.99	2.12	22.26
					COLD STAB.	0.68	2.17	269.40	1.56	32.28
					HOT TRANS	1.00	2.51	318.63	1.63	27.25
					72 WEIGHTING	1.26	6.06	296.30	1.72	28.65
					75 WEIGHTING	0.98	3.90	286.85	1.64	29.78
5045	75	VOLK	RABB	90.	COLD TRANS	3.84	54.04	386.37	1.68	18.36
					COLD STAB.	0.18	1.72	296.29	2.04	29.63
					HOT TRANS	0.33	1.31	313.41	1.82	28.04
					72 WEIGHTING	1.21	16.46	321.63	1.93	25.26
					75 WEIGHTING	0.65	7.99	309.91	1.96	27.35
2076	72	AMC	GREM	258.	COLD TRANS	2.18	38.42	443.50	3.57	17.38
					COLD STAB.	0.73	4.65	342.93	4.11	25.17
					HOT TRANS	1.39	8.26	380.19	3.89	22.32
					72 WEIGHTING	1.14	14.16	371.22	3.96	22.35
					75 WEIGHTING	1.01	9.32	361.05	4.01	23.42

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2077	72	BUIC	RIVI	455.	COLD TRANS	1.84	30.96	969.60	4.94	8.67
					COLD STAB.	0.36	7.83	750.50	4.65	11.62
					HOT TRANS	1.03	14.39	838.63	4.98	10.27
					72 WEIGHTING	0.77	14.35	812.12	4.73	10.60
					75 WEIGHTING	0.64	11.68	791.09	4.73	10.94
2078	72	CADI	FLEE	472.	COLD TRANS	2.57	40.48	788.35	4.08	10.32
					COLD STAB.	0.90	7.53	592.14	5.38	14.63
					HOT TRANS	1.54	10.46	610.79	4.00	14.04
					72 WEIGHTING	1.37	16.82	647.34	5.01	13.09
					75 WEIGHTING	1.21	12.00	618.82	5.00	13.84
2079	72	CHEV	VEGA	140.	COLD TRANS	4.12	56.55	315.68	2.70	21.25
					COLD STAB.	1.57	16.63	213.67	2.71	35.75
					HOT TRANS	2.14	24.46	256.79	2.45	29.19
					72 WEIGHTING	2.29	29.45	242.38	2.70	29.99
					75 WEIGHTING	1.97	24.30	233.24	2.66	31.96
2080	72	CHEV	MONT	350.	COLD TRANS	6.79	84.09	622.87	4.32	11.43
					COLD STAB.	2.33	19.38	480.80	4.87	17.11
					HOT TRANS	3.13	23.91	571.32	4.56	14.34
					72 WEIGHTING	3.59	37.61	520.76	4.72	15.01
					75 WEIGHTING	3.00	27.95	512.48	4.76	15.68
2081	72	CHEV	MALI	350.	COLD TRANS	5.34	61.72	515.49	3.18	14.10
					COLD STAB.	2.56	21.17	408.13	3.98	19.74
					HOT TRANS	3.13	28.07	468.66	3.12	16.98
					72 WEIGHTING	3.34	32.59	438.32	3.76	17.75
					75 WEIGHTING	2.96	27.19	430.80	3.75	18.36
2082	72	CHEV	NOVA	307.	COLD TRANS	2.62	16.62	624.31	2.66	13.47
					COLD STAB.	2.51	7.36	490.43	2.19	17.40
					HOT TRANS	1.33	4.52	551.33	2.18	15.77
					72 WEIGHTING	2.54	9.97	528.08	2.32	16.08
					75 WEIGHTING	2.34	8.03	516.36	2.24	16.55

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2083	72	CHEV	IMPA	350.	COLD TRANS	4.88	66.86	571.90	5.13	12.82
					COLD STAB.	2.35	23.97	455.39	6.18	17.73
					HOT TRANS	2.88	31.75	524.61	5.08	15.21
					72 WEIGHTING	3.06	36.05	488.15	5.68	16.01
					75 WEIGHTING	2.74	30.41	480.56	5.87	16.53
2084	72	CHEV	CAPR	400.	COLD TRANS	3.90	34.92	653.46	6.07	12.31
					COLD STAB.	1.96	12.24	496.51	6.92	17.00
					HOT TRANS	2.46	16.55	583.34	6.01	14.38
					72 WEIGHTING	2.51	18.63	540.66	6.68	15.36
					75 WEIGHTING	2.27	15.68	529.40	6.67	15.61
2085	72	DODG	CORO	318.	COLD TRANS	6.08	66.66	524.40	4.98	13.69
					COLD STAB.	3.68	31.71	406.89	5.36	18.95
					HOT TRANS	4.78	53.44	449.73	4.99	16.17
					72 WEIGHTING	4.35	41.55	439.94	5.25	17.10
					75 WEIGHTING	4.15	39.43	427.95	5.26	17.04
2086	72	FORD	PINT	122.	COLD TRANS	3.78	39.54	316.37	2.73	22.73
					COLD STAB.	1.60	22.25	256.44	2.87	29.94
					HOT TRANS	2.23	22.91	289.73	2.84	26.67
					72 WEIGHTING	2.21	27.12	273.29	2.83	27.48
					75 WEIGHTING	1.96	24.45	269.01	2.85	28.30
2087	72	FORD	TORI	351.	COLD TRANS	4.85	91.81	657.07	5.27	10.87
					COLD STAB.	1.78	8.93	502.73	6.95	16.99
					HOT TRANS	2.66	9.85	595.77	6.69	14.32
					72 WEIGHTING	2.65	32.28	546.14	6.48	14.66
					75 WEIGHTING	2.30	19.12	536.30	6.71	15.47
2088	72	FORD	MAVE	200.	COLD TRANS	2.96	36.35	373.77	5.49	20.02
					COLD STAB.	1.73	15.44	310.32	6.07	26.10
					HOT TRANS	2.58	33.11	329.57	5.71	22.77
					72 WEIGHTING	2.08	21.89	328.15	5.91	24.04
					75 WEIGHTING	2.02	21.05	321.05	5.94	24.62

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	-GRAMS PER MILE- HC	CO	CO2	NOXC	MPG FUEL ECONOMY
2089	72	FORD	CUST	351.	COLD TRANS	4.80	84.78	564.97	4.39	12.44
					COLD STAB.	1.95	13.31	453.42	5.91	18.47
					HOT TRANS	2.71	14.07	539.67	5.71	15.56
					72 WEIGHTING	2.75	33.45	484.78	5.48	16.25
					75 WEIGHTING	2.42	22.09	480.72	5.70	16.97
2090	72	FORD	STAW	400.	COLD TRANS	4.19	48.53	671.73	6.63	11.66
					COLD STAB.	2.07	13.62	534.94	6.03	15.76
					HOT TRANS	5.41	26.79	583.09	7.01	13.82
					72 WEIGHTING	2.67	23.60	573.41	7.64	14.34
					75 WEIGHTING	2.86	20.11	559.17	7.70	14.60
2091	72	MERC	MONR	400.	COLD TRANS	4.52	92.10	432.49	4.35	15.00
					COLD STAB.	1.72	22.90	358.75	6.12	22.18
					HOT TRANS	3.95	42.96	422.13	5.37	17.67
					72 WEIGHTING	2.51	42.40	379.47	5.62	19.55
					75 WEIGHTING	2.42	34.50	377.81	5.78	20.18
2092	72	OLDS	CUTL	350.	COLD TRANS	4.47	65.17	607.41	4.89	12.26
					COLD STAB.	2.36	16.44	463.44	5.96	17.87
					HOT TRANS	3.67	20.35	533.47	5.33	15.38
					72 WEIGHTING	2.96	30.17	503.94	5.66	15.83
					75 WEIGHTING	2.83	22.97	492.07	5.73	16.52
2093	72	PLYM	DUST	225.	COLD TRANS	6.28	96.57	350.04	3.60	17.01
					COLD STAB.	2.26	38.09	303.79	4.04	23.94
					HOT TRANS	3.94	52.58	325.08	3.46	21.12
					72 WEIGHTING	3.39	54.56	316.78	3.91	21.48
					75 WEIGHTING	3.01	47.50	312.77	3.89	22.36
2094	72	PLYM	FRY3	360.	COLD TRANS	6.91	133.23	488.09	4.64	12.34
					COLD STAB.	3.01	49.00	415.31	6.08	17.69
					HOT TRANS	3.76	67.67	484.25	6.40	14.73
					72 WEIGHTING	4.11	72.73	435.76	5.67	15.76
					75 WEIGHTING	3.60	62.20	435.14	5.95	16.31

APPENDIX H (CONTD)

ST. LOUIS

VEHICLE NUMBER	YEAR	MAKE	MODEL	CID	TEST TYPE	HC	-GRAMS PER MILE- CO	CO2	NOXC	MPG FUEL ECONOMY
2095	72	PONT	SAFA	400.	COLD TRANS	9.07	113.55	506.45	3.74	11.44
					COLD STAB.	3.22	31.71	467.16	4.77	16.84
					HOT TRANS	5.37	57.55	502.76	4.82	14.54
					72 WEIGHTING	4.87	54.76	495.63	4.46	14.86
					75 WEIGHTING	4.27	45.77	485.08	4.66	15.56
2096	72	PONT	LEMA	350.	COLD TRANS	4.91	77.87	567.35	3.62	12.58
					COLD STAB.	2.14	27.52	421.91	4.00	18.81
					HOT TRANS	2.88	51.64	506.95	3.83	14.86
					72 WEIGHTING	2.92	41.70	462.83	3.89	16.51
					75 WEIGHTING	2.59	37.49	453.13	3.93	17.06
2097	72	DATS	510	97.	COLD TRANS	4.08	32.22	277.75	4.95	26.00
					COLD STAB.	2.21	21.52	228.40	4.89	32.97
					HOT TRANS	3.55	27.52	251.71	4.72	28.98
					72 WEIGHTING	2.74	24.53	242.27	4.91	30.66
					75 WEIGHTING	2.65	23.76	238.09	4.87	31.27
2098	72	TOYO	CORO	120.	COLD TRANS	2.78	88.63	262.52	1.94	21.61
					COLD STAB.	1.66	61.99	196.94	1.78	29.43
					HOT TRANS	2.32	60.64	216.29	1.80	27.83
					72 WEIGHTING	1.98	69.49	216.82	1.83	26.71
					75 WEIGHTING	1.90	64.99	209.40	1.80	27.95
2099	72	VOLK	SEDA	97.	COLD TRANS	5.07	55.41	312.26	2.35	21.37
					COLD STAB.	1.81	20.35	269.76	2.55	28.86
					HOT TRANS	3.62	35.15	295.01	2.10	24.54
					72 WEIGHTING	2.73	30.23	281.70	2.49	26.27
					75 WEIGHTING	2.50	26.97	278.93	2.45	26.96
2100	72	VOLK	KOMB	103.	COLD TRANS	5.49	73.47	450.87	2.53	15.20
					COLD STAB.	1.77	31.52	352.75	2.63	21.76
					HOT TRANS	4.11	55.97	404.89	2.30	17.54
					72 WEIGHTING	2.82	43.33	380.34	2.60	19.41
					75 WEIGHTING	2.59	40.52	372.96	2.57	19.95